

PROJECT DIARY

1.AMIT SACHAN(team leader) Roll no.-140020096

* 5th October- This was the first meeting of our group. After a long discussion, we decided to make scientific calculator including integrator and differentiator as our cs101 project.

Venue: Hostel

Duration: 1 hrs

Timing: 7:00-8:00 pm.

* 12th October- we worked on the project manual

and decided that SRS will be made by Tejaswini ,project manual will be made by Rahul, and sample code and algorithm will be made by me. We discussed about the different aspects our project will have.

Venue: hostel mess

Time:7:00pm to 8:30pm

Duration: 1 and a half hrs

*13th October- We discussed about the user manual of the project and algorithm I worked on project algorithm and saw sample code on the internet. We read some previous years' projects and got some ideas.

Venue: computer lab

Time:8:45pm to 10:15pm

Duration: 1and a half hrs

*17th October-We made the user manual and did some coding and everyone of us tried to understand graphics by reading the material provided on the Homepage of CS101 course and also referred to cplusplus.com for the same.

Venue: hostel mess

Time:7:00pm to 8:30pm

Duration :1 hrs

*18th October- -We completed the algorithm and wrote a bit of code and completed SRS report.

Venue:hostel mess

Time:7:00pm to 8:30pm

Duration: 1 and a half hrs

*24th October-We made the code of our programme quadratic, higher power, matrices.

We again worked on the code to calculate square root of a no. without using cmath class and found that division method can be applied.

Venue:Hostel common room

Duration: 2 hrs

*25th October-We wrote down a function to calculate square root of a number.

Duration: 1hr

Venue: Mess

*28th October-I and Rahul worked on the function to calculate different trigonometric values which include all the possible side ratios of a right angled triangle.

Duration: 1 hr

Venue:Hostel room

*16th November-We write the code of the function finding equation of plane in different states.

Duration: 2 hrs

Venue: Mess

*18th November-We write the code of conversion of c digits like binary to decimal, octal to decimal etc..

Duration: 1 and a half hrs

Venue: Mess

*19th November-We worked on the debugging of the code written so far.

Duration: 2 and a half hrs

Venue:Hostel Room

*20th November-Whole team meets and had a brief discussion on the project and sorted out the way how to write inverse trigonometric function without using C-math.

Duration: 2 hrs

Venue: Mess

*21st November-Written the code of inverse trigonometry.

Duration: 2 hrs

Venue: Common room

*22nd November- We made the codes of Conversion of coordinates both from Cartesian to polar and vice versa.

Duration: 2 hrs

Venue:Hostel mess

*23rd November- Did the debugging the whole day.

Duration: 5 hrs

2.TEJASWINI ALLIKANTI (roll no.-140020111)

* 5th October-

This was the first meeting of our group. We were confused about two things whether to take SUDOKU or SCIENTIFIC CALCULATOR as our project topic. Finally we decided to make scientific calculator including integrator and differentiator as our cs101 project as it would be a useful project.

Venue: Hostel

Duration: 1:00hrs

Timing: 7:00-8:00 pm.

* 12th October- We divided our work and I was told to work on SRS . We discussed about the different functions that our calculator would perform. We worked on the project manual and did a bit for code.

Venue:hostel mess

Time:7:00pm to 8:30pm

Duration: 1:30hrs

*13th October-We discussed about the user manual of the project and algorithm. I worked on understanding things to be included in SRS reports by searching in google and studying previous years' projects.

Venue:computer lab

Time:8:45pm to 10:15pm

Duration: 1:30hrs

*17th October-We made the user manual and did some coding and everyone of us tried to understand graphics by reading the material provided on the Homepage of CS101 course and also referred to cplusplus.com for the same.

Venue:hostel mess

Time:7:00pm to 8:30pm

Duration :1:30hrs

*18th October-We completed the algorithm and wrote a bit of code and completed SRS report.

Venue:hostel mess

Time:7:00pm to 8:30pm

Duration: 1:30hrs

*24th October-We made the code of our programme quadratic, higher power, matrices and wrote the functions for the physical constants and wrote the function for conversion of units.

I worked on the code of sin inverse.

Venue: Hostel common room

Duration: 2 hrs

*25th October-We wrote down a function to calculate square root of a number.

Duration: 1hr

Venue: Mess

28 october- -I worked on writing the trigonometric functions without using cmath library. I wrote the sin function and my team mates sorted out the other functions from that. I and Rahul did some of our part for complex numbers.

*16th November-We write the code of the function finding equation of plane in different states.

Duration: 2 hrs

Venue: Mess

*18th November-We wrote the code of conversion of c digits like binary to decimal, octal to decimal etc.

Duration: 1 and a half hrs

Venue: Mess

*19th November—Discovered new techniques of finding different inverse trigonometric functions using sin inverse.

Duration: 2 and a half hrs

Venue: Hostel Room

*20th November-Whole team meets and had a brief discussion on the project and sorted out the way how to write inverse trigonometric function without using C-math.

Duration: 2 hrs

Venue: Mess

*21st November-Written the code of inverse trigonometry.

Duration: 2 hrs

Venue: Common room

*22nd November- We made the codes of Conversion of coordinates both from Cartesian to polar and vice versa.

Duration: 2 hrs

Venue: Hostel mess

*23rd November- We all Did the debugging the whole day.

Duration: 5 hrs

3. RAHUL CHOUDHARY (roll no-140020101)

* 5th October-we decided to make scientific calculator including integrator and differentiator as our cs101 project as it would be project useful to many especially to engineering students.

Venue: Hostel

Duration: 1:00hrs

Timing: 7:00-8:00 pm.

* 12th October- We divided our work and I was told to work on project manual. We discussed different functions our calculator would have and also thought about some new features to be included in it. We worked on the project manual and did some coding

Venue:hostel mess

Time:7:00pm to 8:30pm

Duration: 1:30hrs

*13th October-we discussed about the user manual and SRS of our project. I surfed on net and understood the format of user manual and also referred to previous years' projects.

Venue:computer lab

Time:8:45pm to 10:15pm

Duration: 1:30hrs

*17th October-we made the user manual and did some coding and everyone of us tried to understand graphics by reading the material provided on the Homepage of CS101 course and also refered to cplusplus.com for the same.

Venue:hostel mess

Time:7:00pm to 8:30pm

Duration :1:30hrs

*18th October-We completed the algorithm and wrote a bit of code and completed SRS report.

Venue:hostel mess

Time:7:00pm to 8:30pm

Duration: 1:30hrs

*24th October-We made the code of our programme quadratic, higher power, matrices and introduced the concept of providing a HELP function which will be helpful to users.

We again worked on the code to calculate square root of a no. without using cmath class and found that division method can be applied.

Venue:Hostel common room

Duration: 2 hrs

*25th October-We wrote down a function to calculate square root of a number.

Duration: 1hr

Venue: Mess

*28th October-I and Amit worked on the function to calculate different trigonometric values which include all the possible side ratios of a right angled triangle.

I and tejaswini googled for making the function Operations on complex numbers.

Duration: 2 hr

Venue:Hostel room

*16th November-Done the debugging of the Codes written so far.

Duration: 1 and a half hrs

Venue: Mess

*18th November-We wrote the code of conversion of c digits like binary to decimal, octal to decimal etc..

Duration: 1 and a half hrs

Venue: Mess

*19th November-We worked on the debugging of the code written so far.

Apart from these in my room I just read the project on this topic from past years.

Duration: 3 hrs

Venue: Hostel Room

*20th November-Whole team meets and had a brief discussion on the project and sorted out the way how to write inverse trigonometric function without using C-math.

Duration: 2 hrs

Venue: Mess

*21st November-Written the code of inverse trigonometry.

I compiled each Function and noticed small errors which were present.

Duration: 1 hrs

Venue: Common room

*22nd November- We made the codes of Conversion of coordinates both from Cartesian to polar and vice versa.

Duration: 2 hrs

Venue:Hostel mess

*23rd November- Did the debugging the whole day.

Duration: 5 hrs