Start Game

Student name: Md Hasibul Huq Nahid (M6)
Student ID# : 167903228
Logic 3: Flowchart 3

The first player shoots the ball.

Hit the target — Yes → Give 1 point

No

Continue

Check if the player has taken 4 shots — Yes → Second player shoots the ball.

No

Give 1 point — Yes — Hit the target

No

Continue

Which player has more points. — No → Player 2 wins

Player 1 wins

Check if the player has taken 4 shots

Yes

No

Check if the points are tied — Yes

End Game

Student name: Aditya Tambe (M3)
Student ID# : 171969223
Logic 3: Pseudo Code 3

1. The game begins, player 1 shoots the ball

2. Determine if the player 1 hits the target:
    - If yes, give 1 point to player 1 and proceed.
    - If no, continue to the next step.

3. Check if the player 1 has taken 4 shots:
    - If yes, proceed to step 4.
    - If no, return to step 1.

4. The second player shoot the balls.

5. Determine if the player 2 hits the target:
    - If yes, give 1 point to player 2 and proceed.
    - If no, continue to the next step.

6. Check if the player 2 has taken 4 shots:
    - If yes, proceed to step 7.
    - If no, return to step 4.

7. Check if the points are tied:
    - If yes, go back to step 1 and add 1 point to the "tie" variable.
    - If no, proceed to the next step.

8. Determine which player has more points:
    - If player 1 has more points than player 2, declare player 1 as the winner.
    - If player 1 has more points than player 2, declare player 1 as the winner.

9. End.

Student name: Dong Ngo (M2)

Student ID# : 129432233

Logic 2: Pseudo Code

1. Student 1 roll a die.
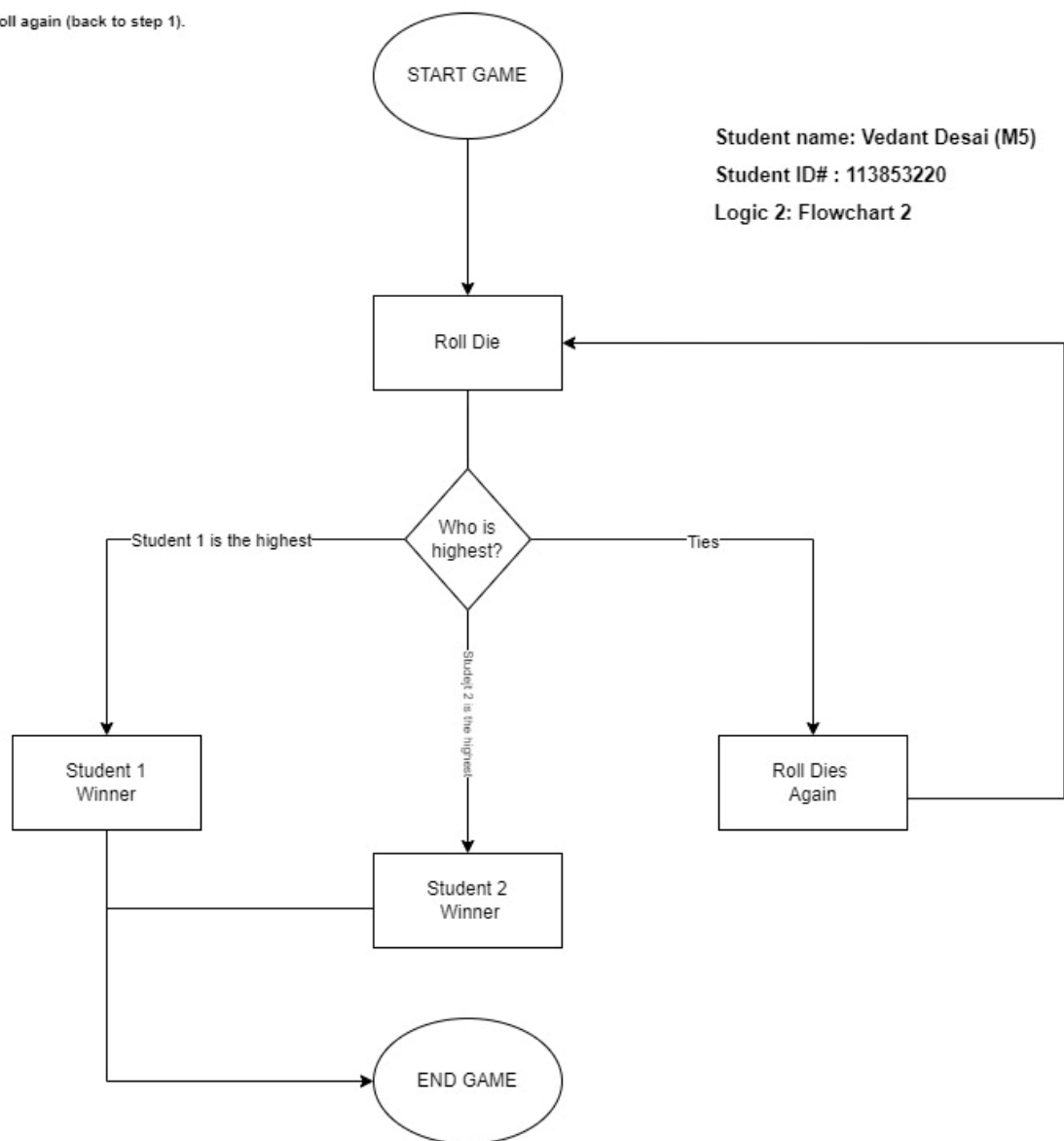
2. Student 2 roll a die.

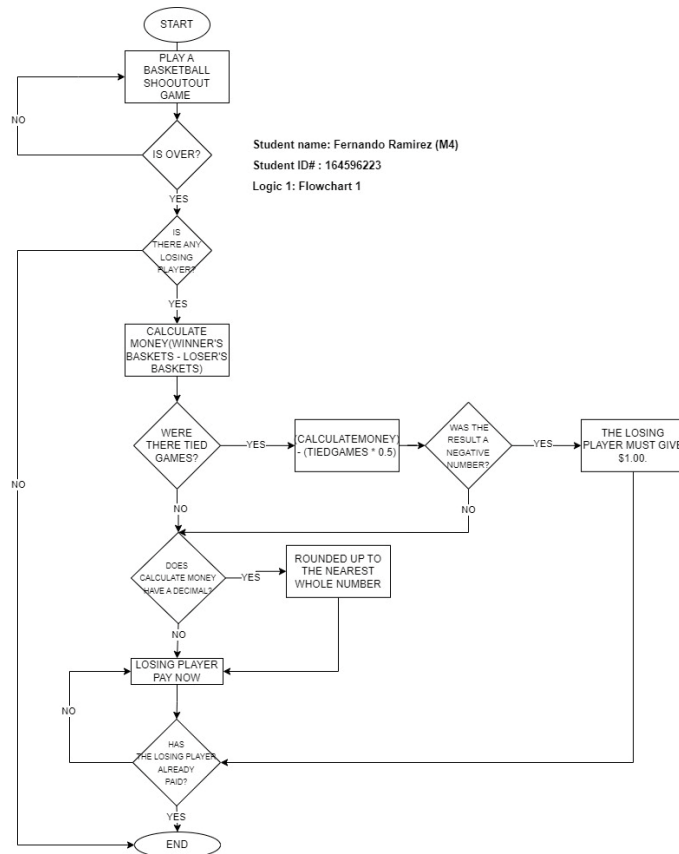3. Compare number of each student:

    a) student 1 got higher number(player 2 got lower number): student 1 goes first (winner).

    b) student 2 got higher number(player 1 got lower number): student 2 goes first (winner).

    c) Both tie: roll again (back to step 1).

4. End.

Student name: Vedant Desai (M5)

Student ID# : 113853220

Logic 2: Flowchart 2

START GAME

Roll Die

Who is highest?

Student 1 is the highest

Ties

Student 2 is the highest

Student 1 Winner

Roll Dies Again

Student 2 Winner

END GAME

Student name: Fernando Ramirez (M4)

Student ID# : 164596223

Logic 1: Flowchart 1

Student name: Arunjeet Singh (M1)

Student ID# : 168222222

Logic 1: Psudo Code 1

1.Play basketball shootout game.

2.Is over (outcome):

  a)If yes:continue.

  b)If no :Go to step 1.

3.Is there any losing player(outcome)

  a)If yes:Caluculate money{winners baskets-loser's basket}.

  b)If no :Game ends.

4.Were there tied games

  a)If yes:Caluculate money-{Tiedgames*0.5}.

  b)If no :Go to step 6.

5.Was the result a negative number:

  a)If yes:Loser player must gave $1.00.

  b)If no :Go to step 6.

6.Does caluculate money have a decimal:

  a)If yes:Go to step 7.

  b)If no :The losing player pay now.

7.Round up to the nearest whole number:

  a)Losing player pay now.

  b)If not proceed to next.

8.Has the losing player already paid:

  a)If yes:Game ends.

  b)Losing player pay now.

9. Ends