Q1. Write a program that allows a user to calculate total marks.
(Quizzes out of 20%, mid-term exam out of 30%, final exam out of 50%).

Output

```
Please input your quiz mark: 15
Please input your midterm mark: 23
Please input your final mark: 43
You total mark is = 81
```

Q2. Write a program that is printing the corresponding ASCII of each letter of your name.
(Hint: int('A') => 65, char(65)).

Q3. Write a program to find the result of the following equation $\frac{(a^2+b^2)}{2ab}$ where a=2 and b=3.

Q4. Write a program that generates a random number between 0 and 99. (Hint: You can use mod (%). Use rand())

Q5. Write a C++ code that generate 3 random numbers and find the average of these numbers.

Q6. Construct a C++ program that collects data on a user's study habits. Ask them to input the total number of hours they plan to study and the number of days they intend to study in a week. Calculate and output the average number of hours they should study each day.

Q7. Draw the following flowcharts.
- User input 3 numbers and find the sum.
- User input 2 numbers and find the average.