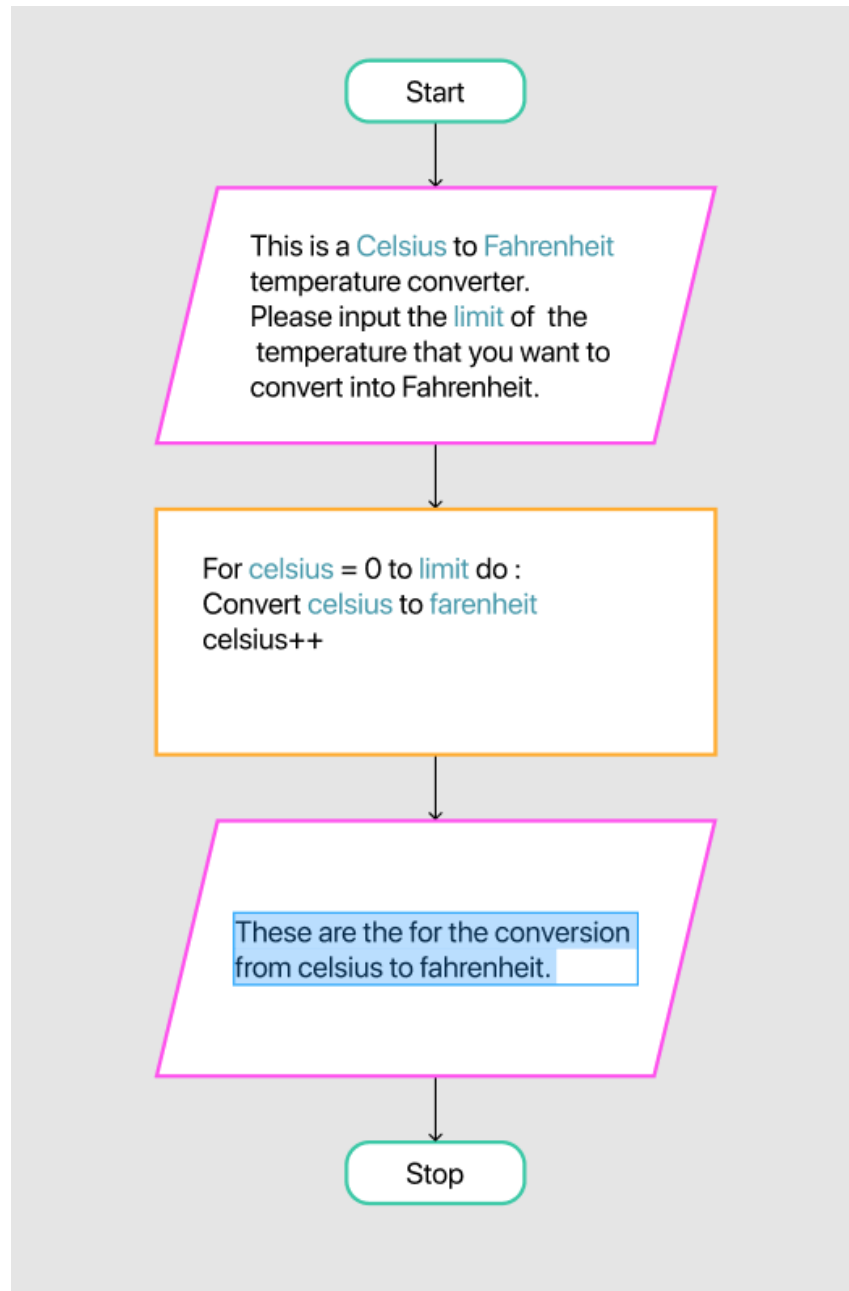


# Latihan

Soal 1.

Flowchart



## Code

```
CelciusFahrenheit.cpp X
D: > Data Qornain > Materi Matkul > Sem 1 > Pemograman Dasar > Latihan > part 4 > CelciusFahrenheit.cpp > main()
1  #include <iostream>
2  #include <math.h>
3
4  using namespace std;
5
6  int main()
7  {
8      float celsius, fahrenheit;
9      int limit;
10
11
12      cout<<"This is a Celsius to Fahrenheit temperature converter."<<endl;
13      cout<<"Please input the limit of the temperature that you want"<<endl<<"to convert into Fahrenheit : "<<endl;
14      cin>>limit;
15      cout<<"These are the for the conversion from celsius to fahrenheit. "<<endl<<endl;
16
17      for(celsius=0; celsius<=limit; celsius=celsius+15)
18      {
19          fahrenheit=1.8*celsius+32;
20          cout<<celsius<<"t"<<fahrenheit<<endl;
21      }
22
23
24      cout<<"\nThank you for using our code.";
25
26      return 0;
27
28 }
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

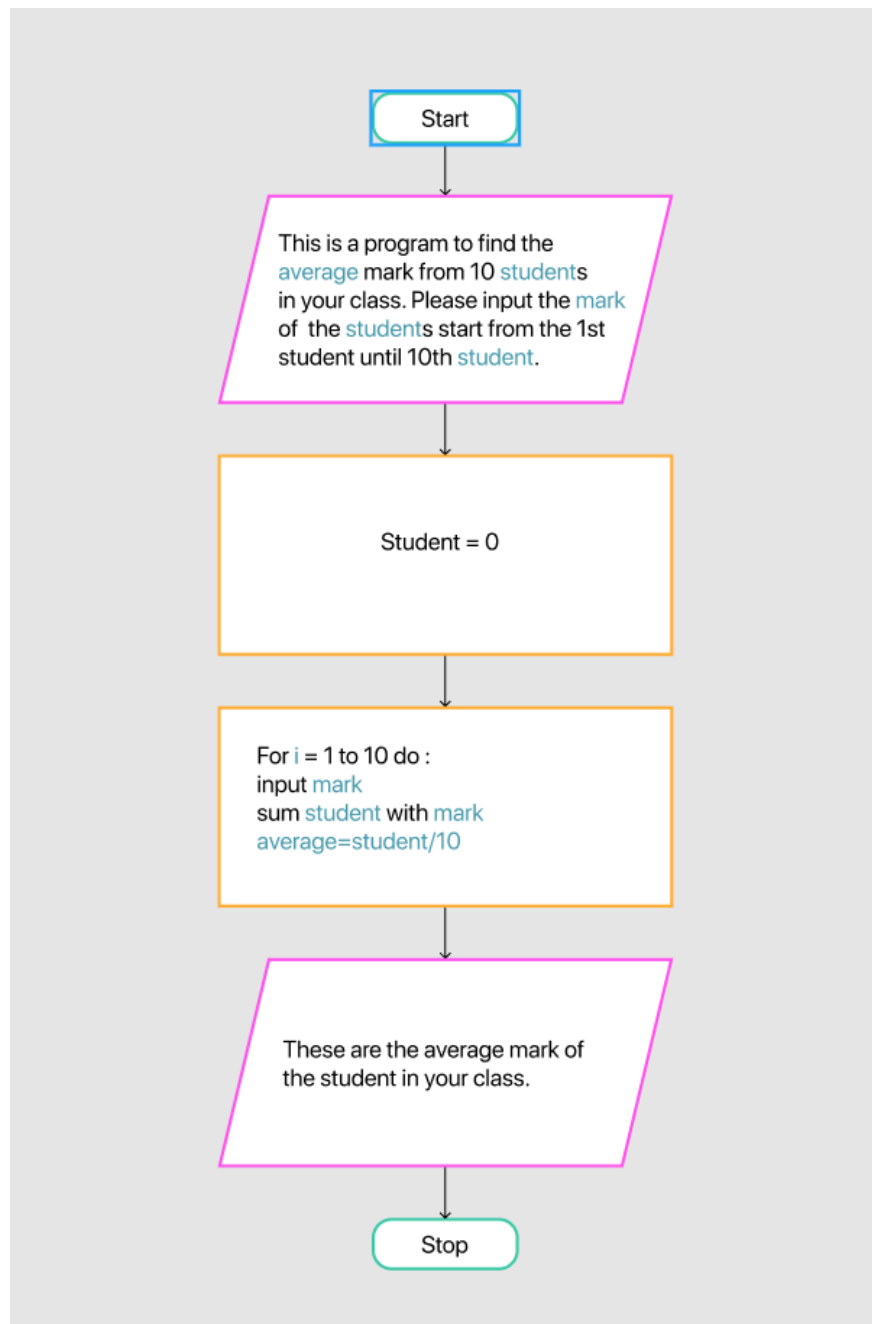
This is a Celsius to Fahrenheit temperature converter.  
Please input the limit of the temperature that you want  
to convert into Fahrenheit :  
60  
These are the for the conversion from celsius to fahrenheit.

|    |     |
|----|-----|
| 0  | 32  |
| 15 | 59  |
| 30 | 86  |
| 45 | 113 |
| 60 | 140 |

Thank you for using our code.  
PS D:\Data Qornain\Materi Matkul\Sem 1\Pemograman Dasar\Latihan\part 4> |

Soal 2.

Flowchart



## Code

```
CelciusFahrenheit.cpp  RerataTenAnak.cpp X
D: > Data Qornain > Materi Matkul > Sem 1 > Pemograman Dasar > Latihan > part 4 > RerataTenAnak.cpp > main()
1  #include <iostream>
2  #include <math.h>
3
4  using namespace std;
5
6  int main()
7  {
8      double student, mark, average;
9      int i;
10
11
12      cout<<"This is a program to find the average mark from 10 students in your class. "<<endl;
13      cout<<"Please input the mark of the students start from the 1st student until 10th student."<<endl<<endl;
14      student=0;
15
16      for(i=1; i<=10; i++)
17      {
18          cout<<"Please input the mark of the students no. "<<i<<endl;
19          cin>>mark;
20          student=student+mark;
21
22
23      }
24
25      average=student/10;
26      cout<<"\nThese are the average mark of the student in your class: "<<average;
27      cout<<"\nThank you for using our code.";
28
29      return 0;
30  }
```

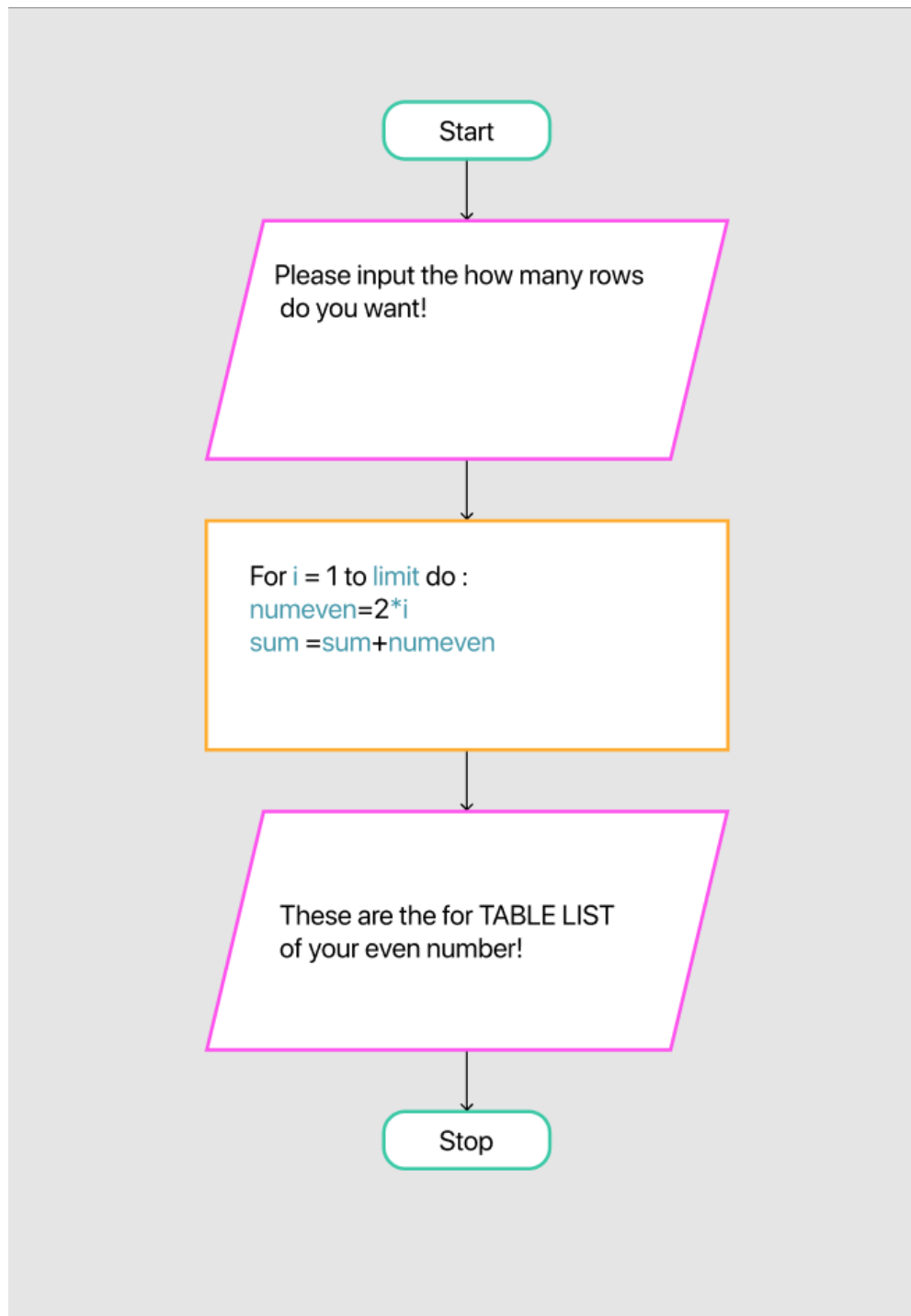
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

```
Please input the mark of the students no. 6
10
Please input the mark of the students no. 7
10
Please input the mark of the students no. 8
7.6
Please input the mark of the students no. 9
7
Please input the mark of the students no. 10
7

These are the average mark of the student in your class: 8.13
Thank you for using our code.
PS D:\Data Qornain\Materi Matkul\Sem 1\Pemograman Dasar\Latihan\part 4> |
```

Soal 3.

Flowchart



## Code

```
CelciusFahrenheit.cpp  RerataTenAnak.cpp  columnandrow.cpp x
D: > Data Qornain > Materi Matkul > Sem 1 > Pemograman Dasar > Latihan > part 4 > columnandrow.cpp > main()

3
4     using namespace std;
5
6     int main()
7     {
8         double numeven, sum;
9         int i, limit;
10
11
12         cout<<"This is a program to make a table of even number, then sum the result with the even number. "<<endl;
13         cout<<"Please input the how many rows do you want!"<<endl<<endl;
14         cin>>limit;
15         cout<<"These are the for TABLE LIST of your even number! Enjoy :D "<<endl<<endl;
16         cout<<"VALUE"<<"\t\t"<<"SUM"<<endl;
17         cout<<"-----\t\t"-----"<<endl;
18
19
20         for(i=1; i<=limit; i++)
21         {
22             numeven=2*i;
23             sum=sum+numeven;
24             cout<<numeven<<"\t\t"<<sum<<endl;
25
26
27
28
29         }
30
31         cout<<"\nTHANK YOU FOR USING OUR CODE.";
32
33         return 0;
34     }
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

```
row }
This is a program to make a table of even number, then sum the result with the even number.
Please input the how many rows do you want!

4
These are the for TABLE LIST of your even number! Enjoy :D

VALUE      SUM
-----
2           2
4           6
6          12
8          20

THANK YOU FOR USING OUR CODE.
PS D:\Data Qornain\Materi Matkul\Sem 1\Pemograman Dasar\Latihan\part 4>
```