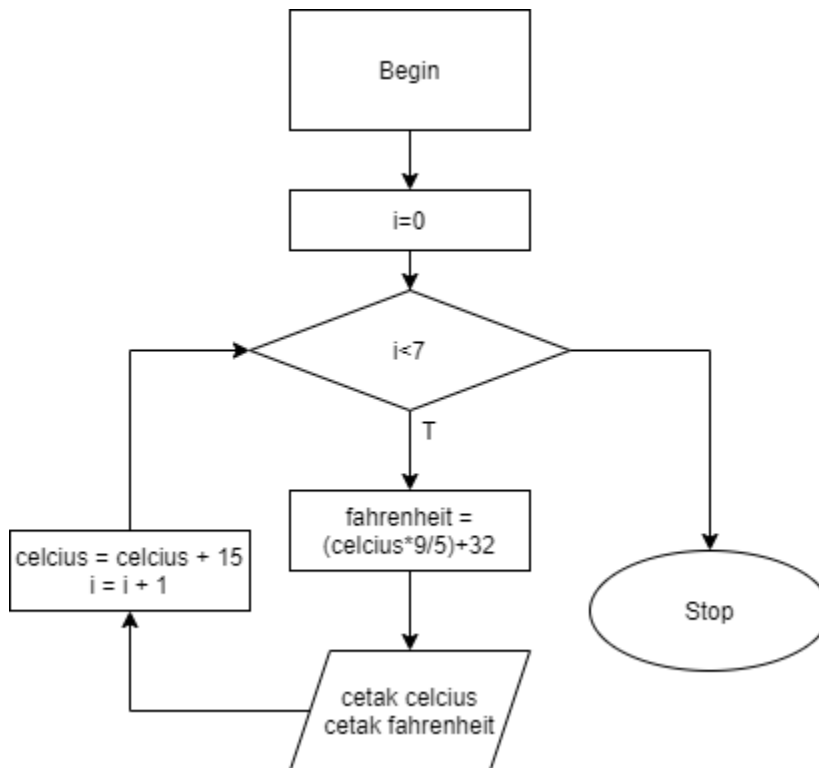Nama : Muchammad Daniyal Kautsar
NIM   : 21/479067/TK/52800
Kelas : B
Prodi : Teknologi Informasi

Tugas Pertemuan 4 Pemrogaman Dasar

1.


```cpp
#include <iostream>

using namespace std;

int main()
{
    int celcius = 0;
    float fahrenheit;
    cout<<"Konversi Suhu dari 0-105 derajat Celsius ke Fahrenheit";
    cout<<"\n   C     F  ";
    for(int i = 0; i<=7; i++){
        fahrenheit = (celcius*9/5) + 32;
        cout<<"\n   " <<celcius<<"      "<<fahrenheit<<"  ";
        celcius += 15;
    }
    return 0;
}
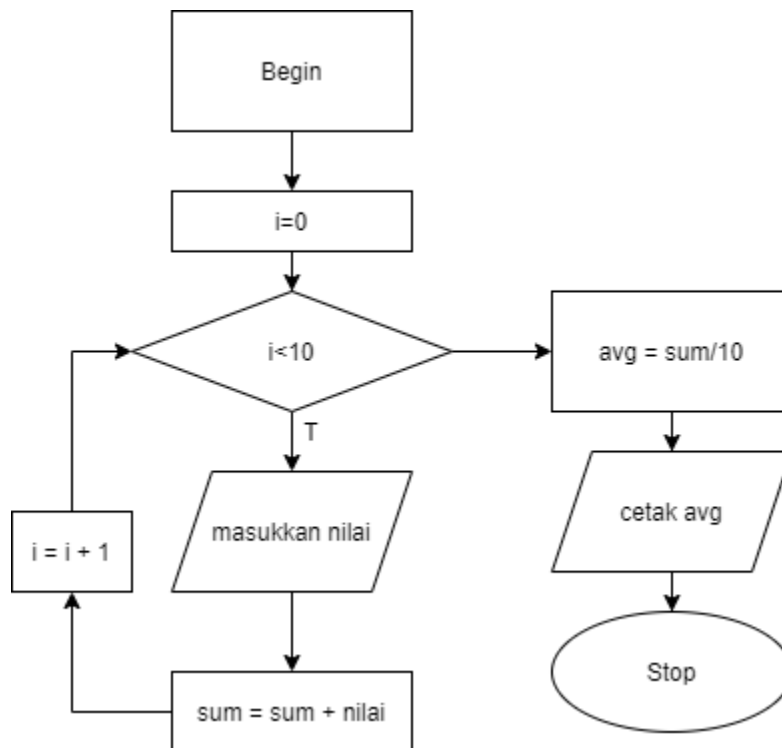```

```
Konversi Suhu dari 0-105 derajat Celsius ke Fahrenheit
  C      F
  0     32
  15     59
  30     86
  45    113
  60    140
  75    167
  90    194
  105    221

...Program finished with exit code 0
Press ENTER to exit console.
```

2.

```cpp
#include <iostream>

using namespace std;

int main()
{
    int num, sum = 0;
    float avg;
    cout<<"Masukkan nilai : ";
    for (int i=0; i<10; i++){
        num = 0;
        cin>> num;
        sum += num;
    }
    avg = sum/10;
    cout <<"Rata-rata dari 10 nilai yang diinputkan adalah " << avg;
}
```
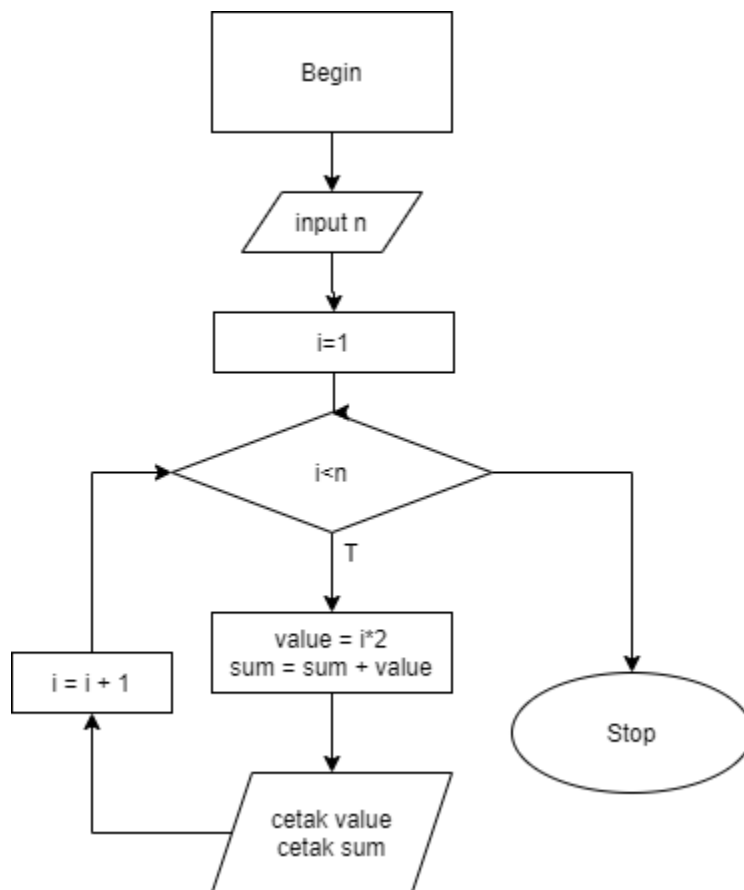
```
Masukkan nilai : 8
6
9
10
13
11
15
14
7
12
Rata-rata dari 10 nilai yang diinputkan adalah 10

...Program finished with exit code 0
Press ENTER to exit console.
```

3.


```cpp
#include <iostream>

using namespace std;

int main()
{
    int n, val, sum = 0;
    float fahrenheit;
    cout<<"Enter  n (the number of even numbers): ";
    cin>>n;
    cout<<"\n  Value   Sum";
    for(int i = 1; i<=n; i++){
        val = i*2;
        sum += val;
        cout<<"\n  "  <<val<<"    "<<sum;
    }
    return 0;
}
```

```
Enter  n (the number of even numbers): 8

   Value    Sum
   2     2
   4     6
   6     12
   8     20
   10    30
   12    42
   14    56
   16    72
```