**Question-2: A student has secured marks in 5 subjects out of 100 each. Aggregate the marks and if the marks is greater than equal to 80%, then print “Excellent” and if the marks lower than this print “Average”. Write a program to compute this.**

* **Algorithm in Pseudo Code:**

1. Start
2. Take three variable named temp, C & K
3. Take input in a variable named ‘temp’
4. Variable C 🡨 (temp – 32) \* 5/9
5. Variable K 🡨 temp + 273.57
6. Display the value of variable C & K
7. Stop

* **Codework:**

sum = s1+s2+s3+s4+s5;

if(sum >= (500\*80)/100){

printf(“Excellent”);

}else{

printf(“Average”);}

return 0;

}

#include <stdio.h>

int main(){

int s1,s2,s3,s4,s5;

printf(“Enter The Marks: “);

scanf(“%f”, &s1);

printf(“Enter The Marks: “);

scanf(“%f”, &s2);

printf(“Enter The Marks: “);

scanf(“%f”, &s3);

printf(“Enter The Marks: “);

scanf(“%f”, &s4);

printf(“Enter The Marks: “);

scanf(“%f”, &s5);

}

* **Flow Chart:**

**Start**

**Input s1,s2,s3,s4,s5**

**sum = s1+s2+s3+s4+s5**

**If (sum >= (500 \* 80) / 100)**

**printf(“Average”)**

**End**

**printf(“Excellent”)**