**Exp2:-**

**Title of the program:-**

A student has secured marks in 5 subject (out of 100) write a program to compute the aggregate and if the marks is greater than or equal to 80% then print “Excellent” else print “Average”. Write the flowchart of the program.

**Flowchart:-**

int n,i=0,sum=0,ave

Take the value of n

sum=sum+n

i=i+1

if i<5

ave=sum/5

if

ave<=80

print Excellent

print Average

Yes

No

No

Yes

**Program instruction:-**

#include<stdio.h>

int main()

{

int n,i=0,sum=0,ave;

for(i; i<5; i++)

{

printf(“Write marks in your subject (out of 100) : ”);

scanf(“%d”,& n);

sum+=n;

}

ave=sum/5;

if(ave>=80)

{

printf(“Excellent”);

}

else

{

printf(“Average”);

}

return 0;

}

**Output:-**

Write marks in your subject (out of 100) : 60

Write marks in your subject (out of 100) : 80

Write marks in your subject (out of 100) : 100

Write marks in your subject (out of 100) : 90

Write marks in your subject (out of 100) : 70

Excellent