

Assignment No.3

This is assignment Number 1 Q3.Sum of digit and reverse num

Code:-

```
#include<stdio.h>

void main(){
    int num=123;
    int r1=num%10; //3
    int q1=num/10; //12
    int r2=q1%10; //2
    int q2=q1/10; //1
    int r3=q2%10; //1
    int a=r1*10*10;
    int b=r2*10;
    int c=r3*1;
    printf("Sum of Digits = %d \n",r1+r2+r3);
    printf("Reverse of Digits = %d",a+b+c);
}
```

Algorithm:-

Step1:- Start

Step2:- Initialize num=123

Step3:- Declaring r1,r2,r3,q1,q2,a,b,c and assign their values

Step4:- Print Sum of digit by r1+r2+r3

Step5:- Print Sum of digit by a+b+c

Step6:- End

Flowchart :-

