# **Practical 05**

04)

#include <stdio.h>

int main()

{

int a,sum=0;

printf("Enter a number(atleast 3 digits\n\n");

scanf("%d",&a);

for(;a!=0;)

{

sum+=a%10;

a=a/10;

}

printf("Sum is %d\n",sum);

}

05)

#include <stdio.h>

int main()

{

int a,b=0;

printf("Enter a number: ");

scanf("%d",&a);

do {

b=b\*10+ a%10;

a=a/10;

} while (a!=0);

printf("reverse is: %d\n", b);

}

06)

#include <stdio.h>

int main()

{

int a,base,expo,ans=1;

printf("Enter base value");

scanf("%d",&base);

printf("Enter exponent value");

scanf("%d",&expo);

for(a=expo;a>0;a--)

{

ans\*=base;

}

printf("%d to the power %d is %d",base,expo,ans);

}

07)

#include <stdio.h>

int main()

{

int a,n1=1,n2=1,next;

printf("Fibonacci sequence\n");

for(a=1;a<11;a++)

{

printf("%d\n",n1);

next=n1+n2;

n1=n2;

n2=next;

}

printf("\n");

}