# **Practical 05**

08)

#include <stdio.h>

int main()

{

int num,onum,rema,ans=0;

printf("Enter a number");

scanf("%d",&num);

onum=num;

for(;onum!=0;)

{

rema=onum%10;

ans=ans+rema\*rema\*rema;

onum/=10;

}

if(ans==num)

printf("%d is an Armtrong number\n",num);

else

printf("%d is not an Armstrong number\n",num);

}

09)

#include <stdio.h>

int main()

{

char let;

for(let='A';let<='Z';let++)

{

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

}

}

10)

#include <stdio.h>

int main()

{

int a,b,c=5;

for(a=0;a<=c;a++) {

for(b=1;b<=a;b++) {

printf("\*");

}

printf("\n");

}

}

11)

#include <stdio.h>

int main()

{

int a,num,prime=1;

printf("Enter a number");

scanf("%d",&num);

for(a=2;a<=num/2;a++){

if(num%a==0){

printf("not a prime number");

prime=0;

break;

}

}

if(prime==1)

printf("prime number");

}