7)Write a program to generate all the reverse of a prime should be prime

(for example 907 is prime and reverse 709 is also prime)

Generate all the no's upto N and estimate time complexity.

```
#include<stdio.h>
int main()
{
 int c=0;
 int n,n1,f,i,j,k,r,p[100],f1;
 int sum=0,b=0,rev=0;
 c++; c++; c++;
 printf("Enter number:");
 scanf("%d",&n);
 for(j=3;j<=n;j++)
 {
 c++;
 f=0; c++;
 for(i=2;i<j;i++)
 {
 c++;
 c++;
 if(j%i==0)
 {
 f=f+1; c++;
 }
 }
 c++;
 c++;
 if(f==0)
 {
 n1=j; c++;
 rev=0; c++;
```

```
while (n1!=0)
{
c++;
r=n1%10; c++;
rev=(rev*10)+r; c++;
n1=n1/10; c++;
}
c++;
f1=0; c++;
for(k=2;k<rev;k++)
{
c++;
c++;
if(rev%k==0)
{
f1++; c++;
}
}
c++;
c++;
if(f1==0)
{
printf("%d\n",j);
}
}
}
c++;
printf("Time Complexity : %d",c);
}
```