```
enter the costomer name
raj
enter the units consumed
50
costomer name    :raj
units consumed  :50
billamount:140.00rupees

enter the costomer name
sagar
enter the units consumed
300
costomer name    :sagar
units consumed  :300
billamount:350.00rupees

enter the costomer name
_
```
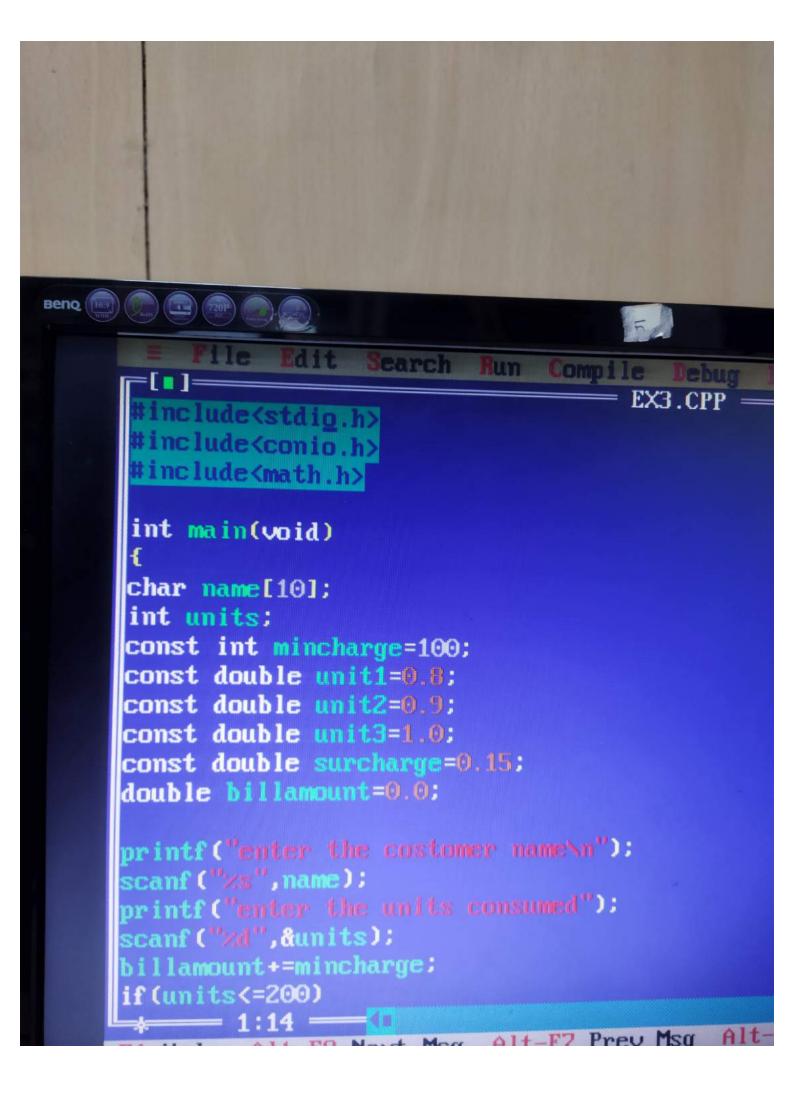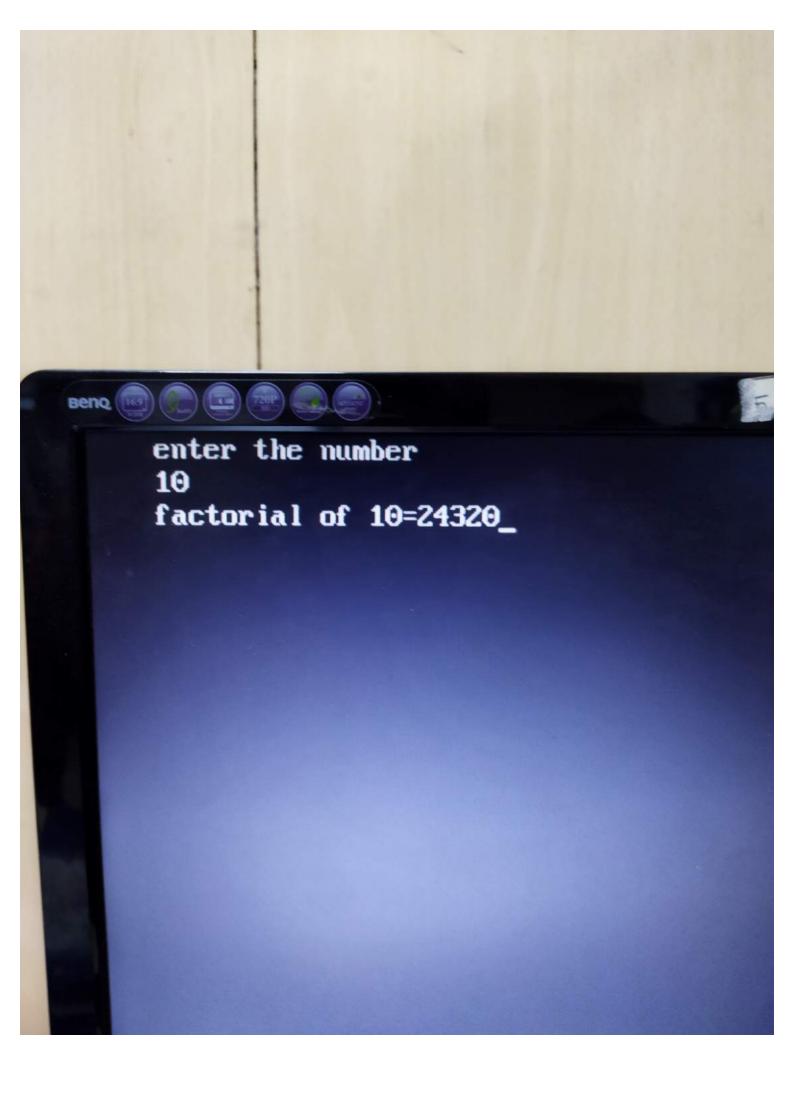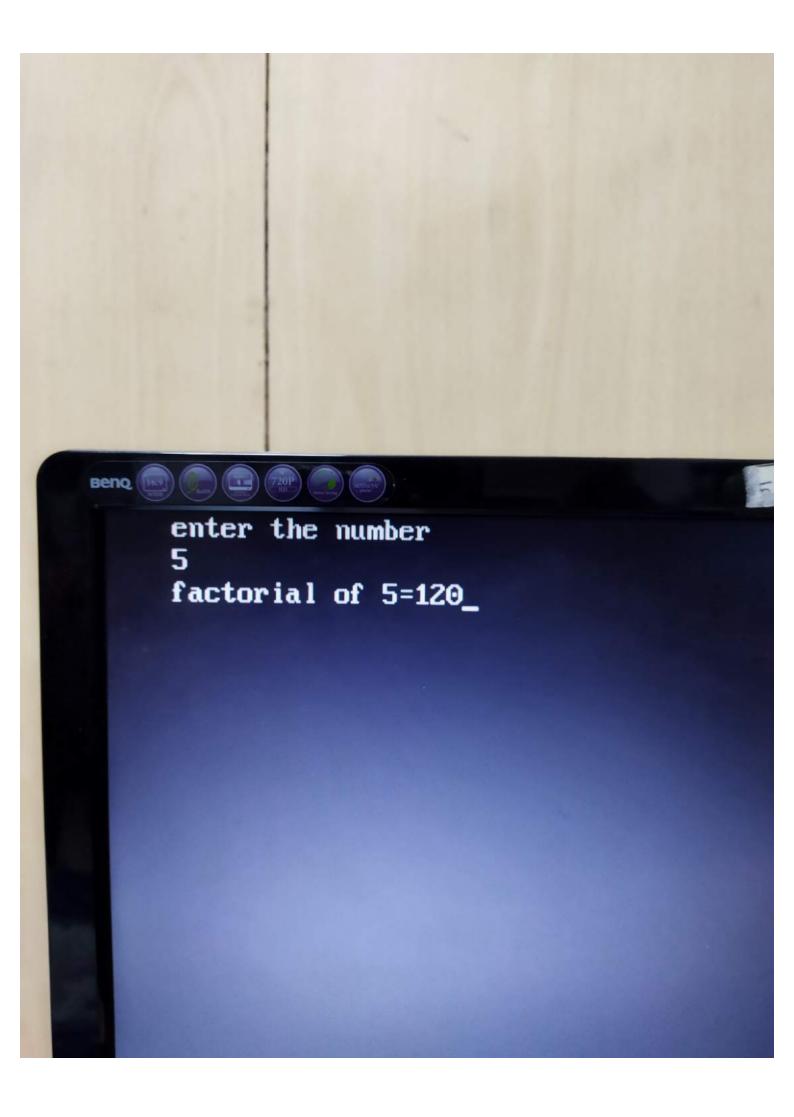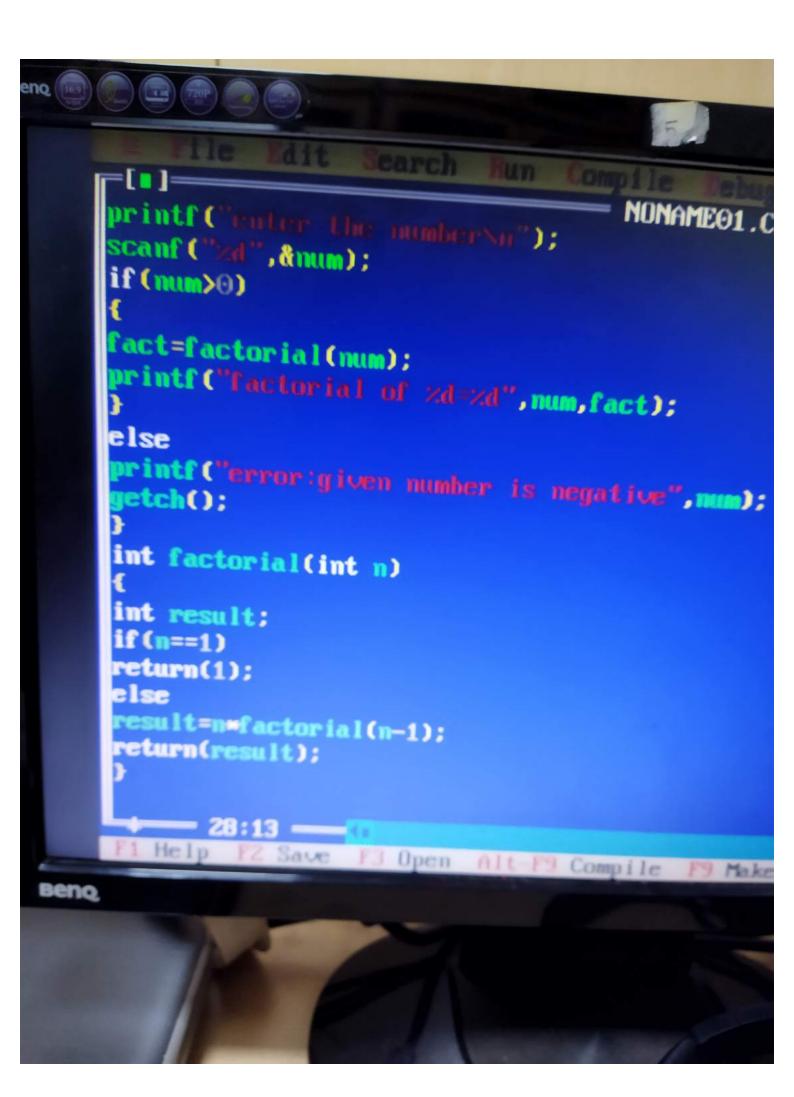
```
[■]
                                    EX3.CPP
if(units<=200)
{
billamount+=(units*unit1);
}
else if(units>200 && units<=300)
{
billamount+=(200*unit1)+(units-200)*unit2;
}
else
{
billamount+=(200*unit1)+(100*unit2)+(units-300)*unit3;
}
if(billamount>400)
{
billamount+=(billamount*surcharge);
}
printf("electricity bill======\n");
printf("costomer name:%s",name);
printf("units consumed:%d",units);
printf("billamount\t:%0.2if rupees\n\n",billamount);
return 0;
```

```
#include<stdio.h>
#include<conio.h>
#include<math.h>

int main(void)
{
char name[10];
int units;
const int mincharge=100;
const double unit1=0.8;
const double unit2=0.9;
const double unit3=1.0;
const double surcharge=0.15;
double billamount=0.0;

printf("enter the costomer name\n");
scanf("%s",name);
printf("enter the units consumed");
scanf("%d",&units);
billamount+=mincharge;
if(units<=200)
```

Alt-F7 Preu Msg   Alt-

```
enter the number
10
factorial of 10=24320_
```

```
enter the number
5
factorial of 5=120_
```

```c
[■]
printf("enter the number\n");
scanf("%d",&num);
if(num>0)
{
fact=factorial(num);
printf("factorial of %d=%d",num,fact);
}
else
printf("error:given number is negative",num);
getch();
}
int factorial(int n)
{
int result;
if(n==1)
return(1);
else
result=n*factorial(n-1);
return(result);
}
```

```
[■]                                      NONAM
#include<stdio.h>
#include<conio.h>
int factorial(int n);
void main()
{
int num,fact;
clrscr();
printf("enter the number\n");
scanf("%d",&num);
if(num>0)
{
fact=factorial(num);
printf("factorial of %d=%d",num,fact);
}
else
printf("error:given number is negative",n
getch();
}
int factorial(int n)
{
int result;
```

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