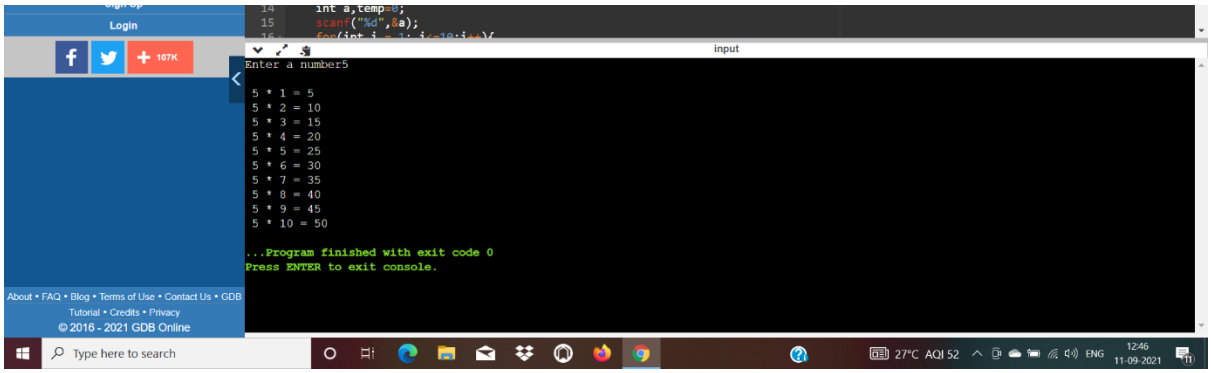
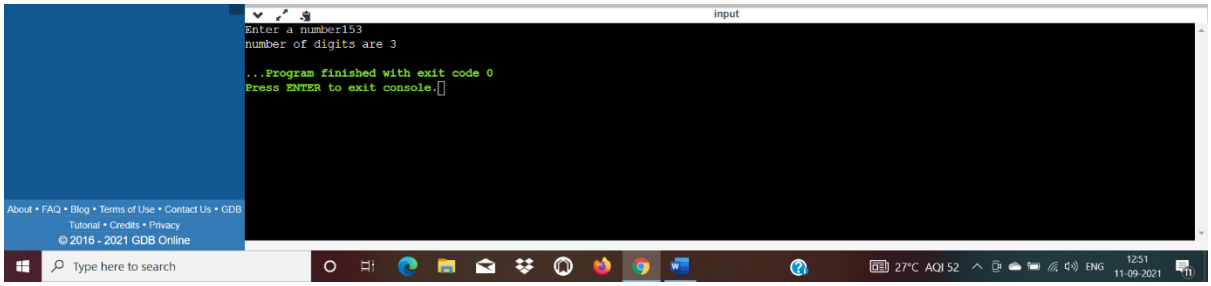
```c
#include <stdio.h>

int main()
{
   printf("Enter a number");
   int a,temp=0;
   scanf("%d",&a);
   for(int i = 1; i<=10;i++){
     temp = a*i;
     printf("\n %d * %d = %d",a,i,temp);
   }

   return 0;
}
```



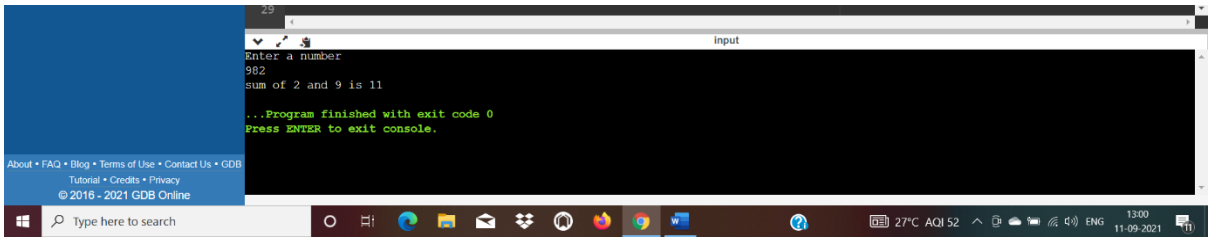

```c
#include <stdio.h>

int main()
{
   printf("Enter a number");
   int a,temp=0;
   scanf("%d",&a);
   while(a>0){
```

```
    temp++;
   a=a/10;
  }
  printf("number of digits are %d",temp);
  return 0;
}
```

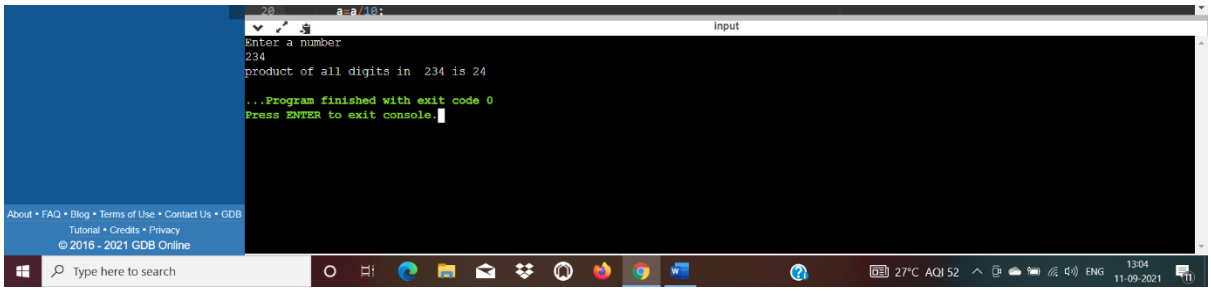



```
#include <stdio.h>

int main()
{
  printf("Enter a number");
  int a,temp=0, temp2=0, sum;
  scanf("%d",&a);
  while(a>0){
    temp=a%10;
   a=a/10;
   break;
  }
  while(a>0){
    temp2=a%10;
   a=a/10;
  }
  sum = temp+temp2;
  printf("sum of %d and %d is %d",temp,temp2,sum);
```

```
    return 0;
}
```

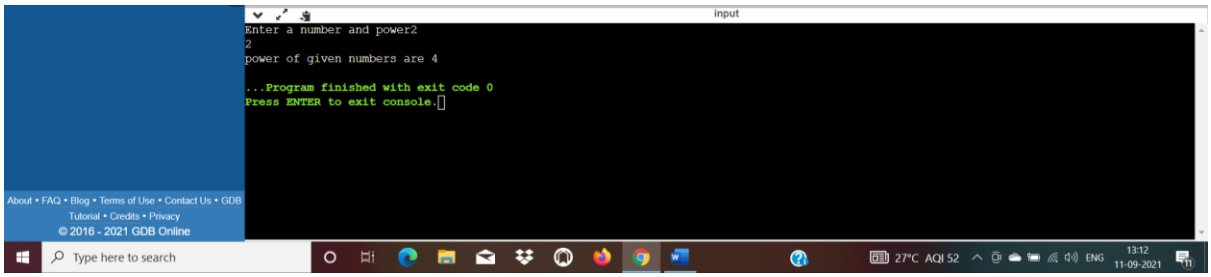



```
#include <stdio.h>


int main()
{
    printf("Enter a number");
    int a,temp=0,product=1;
    scanf("%d",&a);
    int n = a;
    while(a>0){
        temp=a%10;
        product = product*temp;
       a=a/10;
    }

    printf("product of all digits in  %d is %d",n,product);
    return 0;
}
```

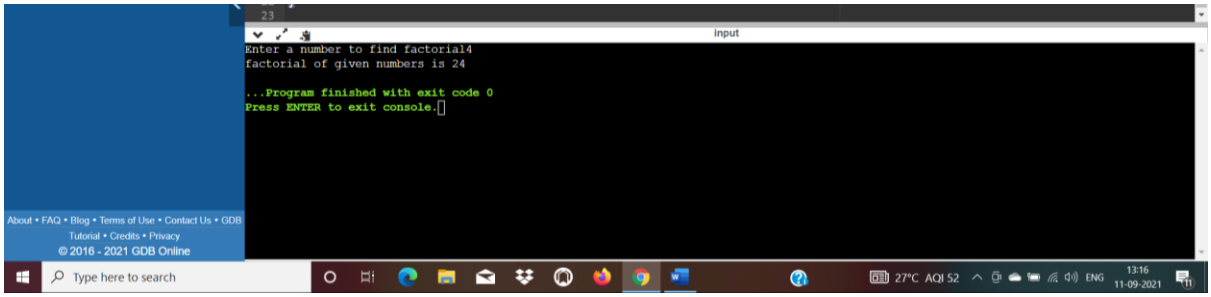



```
#include <stdio.h>
```

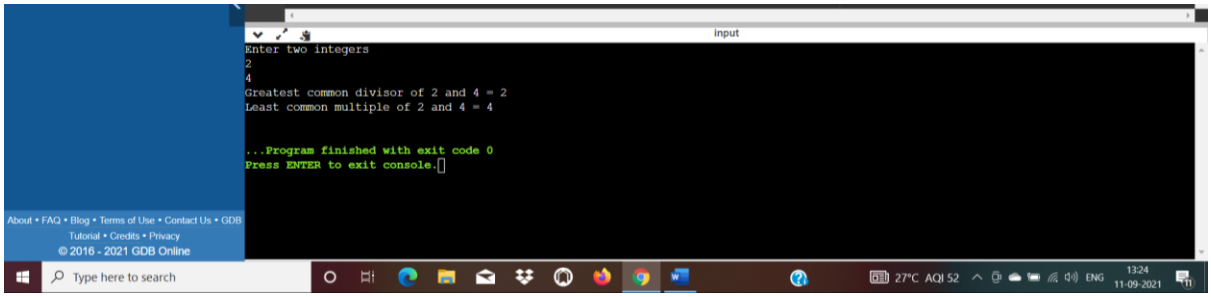
```
int main()
{
    printf("Enter a number and power");
    int a,temp,product=1;
    scanf("%d %d",&a,&temp);
   for(int i =0 ;i<temp;i++){
       product=product*a;
   }

    printf("power of given numbers are %d",product);
    return 0;
}
```



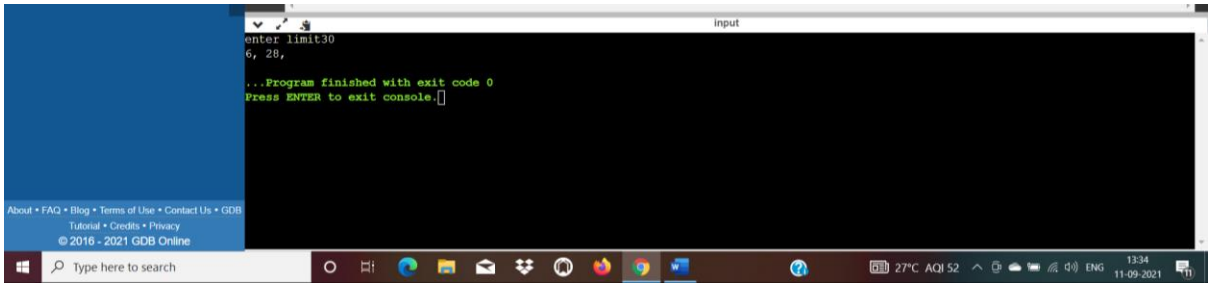

```
#include <stdio.h>

int main()
{
    printf("Enter a number to find factorial");
    int a,product=1;
    scanf("%d",&a);
   for(int i =1 ;i<=a;i++){
       product=product*i;
   }

    printf("factorial of given numbers is %d",product);
    return 0;
}
```




```
#include <stdio.h>

int main() {
  int a, b, x, y, t, gcd, lcm;

  printf("Enter two integers\n");
  scanf("%d%d", &x, &y);

  a = x;
  b = y;

  while (b != 0) {
    t = b;
    b = a % b;
    a = t;
  }

  gcd = a;
  lcm = (x*y)/gcd;

  printf("Greatest common divisor of %d and %d = %d\n", x, y, gcd);
  printf("Least common multiple of %d and %d = %d\n", x, y, lcm);

  return 0;
}
```




```
#include <stdio.h>


int main() {
   printf("enter limit");
  int n;
  scanf("%d",&n);
  for(int i = 1; i<=n;i++){
     int sum=0;
     for(int j = 1;j<i;j++){
        if(i%j==0){
           sum = sum+j;
        }


     }
      if(sum==i){
           printf("%d, ",sum);
        }
  }
  return 0;
}
```


input
enter limit30
6, 28,
...Program finished with exit code 0
Press ENTER to exit console.
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