

## Write a program to reverse a given number

### Description

Get an input from the user and the print the reverse of the given number as the output

E.g. let the number be 324 then the reverse of the number is 423

### Input

675

### Output

576

### C Program

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

```
int main ()
```

```
{
```

```
    int num, rev=0, rem;
```

```
    printf("Enter a number: ");
```

```
    scanf("%d",&num);
```

```
    while(num!=0)
```

```
    {
```

```
        rem=num%10;
```

```
        rev=rev*10+rem;
```

```
        num=num/10;
```

```
    }
```

```
    printf("%d",rev);
```

```
    return 0;
```

```
}
```

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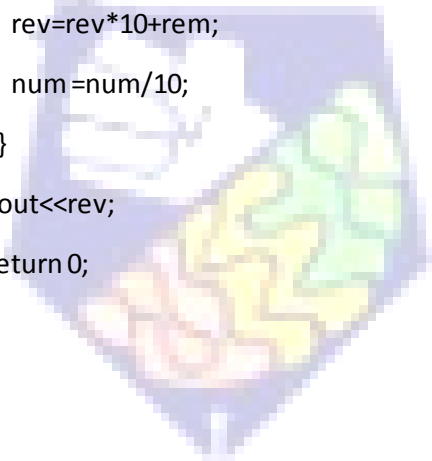
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### C++ Program

```
#include <iostream>

using namespace std;

int main ()
{
    int num, rev=0, rem;
    cout<<"Enter a number: ";
    cin>>num;
    while(num!=0)
    {
        rem=num%10;
        rev=rev*10+rem;
        num=num/10;
    }
    cout<<rev;
    return 0;
}
```



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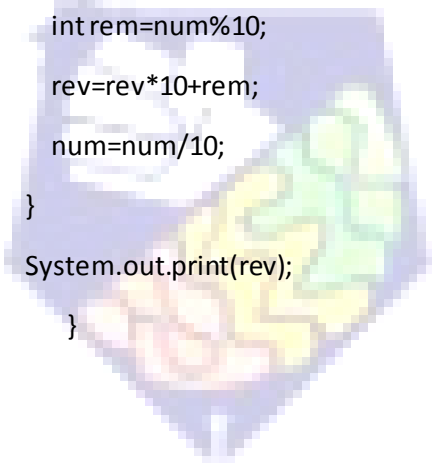
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### Java

```
import java.util.Scanner;

public class Main
{
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);

        System.out.print("Enter a number: ");
        int num = sc.nextInt();
        int rev = 0;
        while(num != 0)
        {
            int rem = num % 10;
            rev = rev * 10 + rem;
            num = num / 10;
        }
        System.out.print(rev);
    }
}
```



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### Python

```
num=int(input("Enter the Number:"))  
rev=0  
while num>0:  
    rem=num%10  
    rev=(rev*10)+rem  
    num = num // 10  
print(rev)
```



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