

Programs for reversing a number

Case 1:

```
import java.util.*;
```

```
class Demo
```

```
{
```

```
    public static void main(String[] args)
```

```
    {
```

```
        Scanner sc = new Scanner(System.in);
```

```
        System.out.println("Enter the number");
```

```
        int num = sc.nextInt();
```

```
        int rev = 0;
```

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

```
        {
```

```
            rev = rev*10+num%10;
```

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

```
        }
```

```
        System.out.println("reverse of number is "+rev);
```

```
    }
```

```
}
```

Case 2:

```
import java.util.*;
```

```
class Demo
```

```
{
```

```
    public static void main(String[] args)
```

```
    {
```

```
        Scanner sc = new Scanner(System.in);
```

```
        System.out.println("Enter the number");
```

```
        int num = sc.nextInt();
```

```
        StringBuffer sb = new StringBuffer(String.valueOf(num));  
        System.out.println("reversed number is "+sb.reverse());  
    }  
}
```

Case 3:

```
import java.util.*;  
  
class Demo  
{  
    public static void main(String[] args)  
    {  
        Scanner sc = new Scanner(System.in);  
        System.out.println("Enter the number");  
        int num = sc.nextInt();  
        StringBuilder sb = new StringBuilder();  
        sb.append(num);  
        System.out.println("reversed number is "+sb.reverse());  
    }  
}
```