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Course -Mca Section-B

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```
1. import java.util.Scanner;  
public class main {  
    public static void main (String[] args)  
    {  
        Scanner s = new Scanner(System.in);  
        int n = s.nextInt();  
        int fact = 1;  
        while (n > 0)  
        {  
            fact *= n;  
            n--;  
        }  
        System.out.println ("factorial : " + fact);  
    }  
}
```

Execute | > Share Source File STDIN

```
1 public class FactorialExample{
2     public static void main(String args[]){
3         int i,fact=1;
4         int number=5;
5         for(i=1;i<=number;i++){
6             fact=fact*i;
7         }
8         System.out.println("Factorial of "+number+" is: "+fact);
9     }
10 }
```

Result

```
$javac FactorialExample.java
$java -Xmx128M -Xms16M FactorialExample
Factorial of 5 is: 120
```