

① Factorial of a number

```
class factorial
```

```
{
```

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

```
{
```

```
int i, fact = 1;
```

```
int number = 5;
```

```
for (i=1; i<= number; i++)
```

```
{
```

```
fact = fact * i;
```

```
}
```

```
System.out.println ("factorial of "+number +  
is: " +fact);
```

```
}
```

```
}
```