

# 50 Java

## PROGRAMMING EXERCISES



Basic Java programs for students

## 1. Hello World

```
public class Main { public static void main(String[] args){ System.out.println("Hello World"); }}
```

## 2. Add Two Numbers

```
int a=5,b=3; System.out.println(a+b);
```

## 3. Subtract Numbers

```
int a=5,b=3; System.out.println(a-b);
```

## 4. Multiply Numbers

```
int a=5,b=3; System.out.println(a*b);
```

## 5. Divide Numbers

```
int a=6,b=3; System.out.println(a/b);
```

## 6. Even or Odd

```
int n=4; if(n%2==0) System.out.println("Even"); else System.out.println("Odd");
```

## 7. Factorial

```
int n=5,f=1; for(int i=1;i<=n;i++) f*=i; System.out.println(f);
```

## 8. Prime Check

```
int n=7; boolean prime=true; for(int i=2;i<n;i++){ if(n%i==0) prime=false;} System.out.println(prime)
```

## 9. Reverse Number

```
int n=123,rev=0; while(n!=0){ rev=rev*10+n%10; n/=10;} System.out.println(rev);
```

## 10. Palindrome Number

```
int n=121,temp=n,rev=0; while(n!=0){ rev=rev*10+n%10; n/=10;} System.out.println(temp==rev);
```