**package** ace.java;

**public** **class** hello {

**public** **static** **void** main(String[] args) {

**int** sum=0;

**for**(**int** i=1;i<=100;i++) {

sum=sum+i;

}

System.***out***.println("Expected:"+sum);

sum=0;

**for**(**int** i=1;i<=50;i++) {

sum=sum+i;

}

System.***out***.println("Expected:"+sum);

sum=0;

**for**(**int** i=1;i<=10;i++) {

sum=sum+i;

}

System.***out***.println("Expected:"+sum);

sum=0;

**for**(**int** i=50;i<=100;i++) {

sum=sum+i;

}

System.***out***.println("Expected:"+sum);

sum=0;

**for**(**int** i=1;i<=1 ;i++) {

sum=sum+i;

}

System.***out***.println("Expected:"+sum);

}

}

Expected:5050

Expected:1275

Expected:55

Expected:3825

Expected:1