

## Graded Exercise

1. Compile and run the program

```
public class Eer01 {  
    public static void main(string[] args) {  
        System.out.println("What's wrong with this program?");  
    }  
}
```

2. Write a program with which you can convert a human height given in centimeters to feet and inches.

The boldface is the input and the italic face is the output.

### Sample Output #1:

**177**

Your height is 5 feet and *10* inches.

### Sample Output #2:

**150**

Your height is 4 feet and *11* inches.

3. A company selling household appliances gives commissions to its salesman determined by the kind of product sold as well as the sales amount.

Type 1: 7% of sale or 400, whichever is more.

Type 2: 10% of sale or 900, whichever is less.

Type 3: 12% of sale.

Type 4: P250, regardless of sale price.

Make a program that would input the TYPE of appliance sold (between 1-4) and the sale PRICE (a positive floating-point value), and output the COMMISSION that the salesman will receive.

4. The goals scored in a soccer match may be input as a sequence of 1s and 2s terminated by 0. The number 1 would mean that team 1 made a goal and 2 would mean that team 2 made a goal. Thus the sequence 1 2 1 2 1 2 0 means that Team 1 made 4 goals and team 2 made 3 goals in all. Write a program that would input such sequence and output how many goals each team made and the result of the match ("Team 1 won", "Team 2 won", "Both tied"). Ensure that inputs are 0,1 and 2 only.