1. Complete the following table, using **int** or **double** where appropriate.

Data	Java Data Type
A person's age	int
Price of an All-Ireland ticket	double
Number of people at a match	int
Number of days in a week	int
Your height in metres	double
Number of balls in a lotto draw	int
Amount of the lotto jackpot	double
Bank account number	int
Bank account balance	double

2. What is the data type of each of the following?

Data	Java Data Type
12	int
-456	int
'A'	char
12.56	double
4	int
0.0	double
'x'	char

3. Write a variable declaration for each of the following:

Data	Declaration
Price of a DVD	double price;
Mark in an exam	int mark;
Number of goals scored in a match	int goals;
Your first initial	char firstInitial;
Rate per hour	double ratePerHour;
Radius of a circle	double radius;
Exam grade (A, B, C, D, E or F)	char grade;
Number of days in a year	int daysInAYear;
Bank account balance	double bankBalance;

4. Enter the following program and save, compile and run it. Comment and indent your program as appropriate.

```java
public class CurrentYear
{
    public static void main(String[ ] args)
    {
        //declare variable to hold year
        int year;

        //assign value to year
        year = 2020;

        //display current year on screen
        System.out.print("The current year is ");
        System.out.println(year);

    }
}
```

5. Write a program which uses variables for the price of a book and the number of books in stock. Assign these variables with values 10.99 and 120. Display the information on screen as follows:

```
Price of Book:      10.99
Quantity in Stock:  120
```

6. Write a program declaring suitable variables for each of the following:

    - Employee number
    - Salary

    Assign appropriate values to each of the variables, and display an employee's details on screen.

7. Write a program declaring suitable variables to store today's date (day, month and year). Assign values to each of the three variables and display today's date on screen as follows.

```
Today's date is:    30 9 2020
```

8. Write a program which uses two separate variables to hold your first initial and second initial. Assign values to each of the variables and display your initials on screen as follows:

```
My initials are J B
```