

## **Some simple Java exercises to get you hang on...**

### **Exercise 1**

Write a program to display the text, "This is my first Java Program" on the screen.

### **Exercise 2**

Write a simple Java program to calculate the area of a Circle.

### **Exercise 3**

Modify the above exercise (Exercise 2) to use a constant for Pi.

### **Exercise 4**

Write a program to display the numbers 1 - 5 on screen using different print methods.

### **Exercise 5**

Write a program or program statements which calculate the sum, difference, product, quotient and remainder of 2 integer values. The results of these calculations should be stored in appropriately named variables.

### **Exercise 6**

Write a program to calculate the reciprocal of a number.

The program should prompt the user to enter a number and should then calculate and display the reciprocal. (Note: The reciprocal of a number is simply 1 divided by the number.)

### **Exercise 7**

Write a program to calculate the average value of three numbers.

The program should prompt the user to enter three numbers and should then calculate and display the average of these numbers.

### Exercise 8

Write a program which converts a user specified temperature from Fahrenheit to degrees Celsius using the formula:  $celsius = ((fahrenheit - 32) * 5) / 9$  and output the answer.

### Exercise 9

Write a program which prompts the user to enter a number of days, hours and minutes. The program will then calculate and display this as a total number of minutes.

### Exercise 10

Write an application that displays a box, an oval, an arrow and a diamond using asterisks (\*)

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*****      ***      *      *
*          *    *      *    ****    *  *
*          *    *      *    *      *    *
*          *    *      *    *      *    *
*          *    *      *    *      *    *
*          *    *      *    *      *    *
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*****      ***      *      *
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