Software Development Bootcamp

1.1

**Task 1**

public class Main

{

public static void main(String[] args) {

System.out.println("Welcome to Java");

System.out.println("Welcome to Computer Science");

System.out.println("Programming is fun");

}

}

**Task 2**

public class Main

{

public static void main(String[] args) {

System.out.println("Welcome to Java");

System.out.println("Welcome to Java");

System.out.println("Welcome to Java");

System.out.println("Welcome to Java");

System.out.println("Welcome to Java");

}

}

**Task 3**

public class Main

{

public static void main(String[] args) {

System.out.println(" J A V V A");

**System.out.println(" J A A V V A A");**

System.out.println("J J AAAAA V V AAAAA");

System.out.println(" J J A A V A A");

}

}

**Task 4**

public class Main

{

public static void main(String[] args) {

System.out.println("a a^2 a^3");

System.out.println("1 1 1");

System.out.println("2 4 8");

System.out.println("3 9 27");

System.out.println("4 16 64");

}

}

**Task 5**

public class Main

{

public static void main(String[] args) {

double perimeter = 2\*5.5\*3.14;

double area = 5.5\*5.5\*3.14;

System.out.println("The perimeter of the circle is " + perimeter + " The area of the circle is " + area);

}

}

**Task 6**

public class Main

{

public static void main(String[] args) {

double height = 4.5;

double width = 7.9;

double perimeter = width+width+height+height;

double area = width\*height;

System.out.print("The perimeter of the rectangle is " + perimeter + " The area of the rectangle is" + area);

}

}

**Task 7**

public class Main

{

public static void main(String[] args) {

double kilom = 14;

double time = 45.5;

double miles = kilom/1.6;

double mph = miles/(45.5/60);

System.out.print("The runner average speed is " + mph);

}

}

**Task 8**

public class Main

{

public static void main(String[] args) {

double miles = 24;

double kilom = miles\*1.6;

double timeHour = 1;

double timeMinutes = 40;

double timeSeconds = 35;

double timeMinutesToHour = timeMinutes/60;

double timeSecondsToHour = timeSeconds/3600;

double timeHourTotal = timeHour + timeMinutesToHour + timeSecondsToHour;

double kph = kilom/timeHourTotal;

System.out.print("The runner average speed is " + kph);

}

}