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4SF19CS016

Q1)
```
Package P1;
public class Msg{
    public static void main (String[] args){
        System.out.println("welcome to Java");
    }
}
```

Output:
welcome to Java

Q2) To add 2 numbers:

```
package P1;
public class addition {
    public static void main (String[] args){
        int num1=5, num2=15, sum;
        sum = num1+num2;
        System.out.println("Sum ="+sum);
    }
}
```

Output:
Sum = 20

Q3) Addition using Scanner Class

```java
package p1;
import java.util.Scanner;
public class Scanaddition {
    public static void main (String[] args){
        int num1, num2, sum;
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter first number: ");
        num1 = sc.nextInt();
        System.out.println("Enter Second number:");
        num2 = sc.nextInt();
        sc.close();
        sum = num1 + num2;
        System.out.println("Sum of " + num1 + "and" +
            num2 " is = " + sum);
    }
}
```

output:
Enter first number:
20
Enter second number:
6
Sum of 20 and 6 is 26

Q4) Sum of first 10 natural numbers using while

```java
package P1;
public class DemoWhile{
    public static void main(String[] args){
        int num=10, count=1, total=0;
        while(count<=num){
            total = total + count;
            count++;
        }
        System.out.println("sum of first 10 natural
        numbers is:" + total);
    }
}
```

output:

Sum of first 10 natural numbers is: 55