

INTEGER VARIABLE

```
package add_2;

import java.util.Scanner;

public class Add_2 {

    public static void main(String[] args) {

        Scanner input = new Scanner(System.in);

        int num1;
        int num2;
        int sum;

        System.out.print("Enter first number");
        num1 = input.nextInt();

        System.out.print("Enter second number");
        num2 = input.nextInt();
        sum = num1 + num2;

        System.out.printf("Sum is : %d\n", sum);
    }
}
```

DOUBLE VARIABLE

Example 1:

```
public static void main(String[] args) {

    Scanner input = new Scanner(System.in);

    double num1;
    double num2;
```

```
double sum;
```

```
System.out.print("Enter first number");
```

```
num1 = input.nextDouble();
```

```
System.out.print("Enter second number");
```

```
num2 = input.nextDouble();
```

```
sum = num1 + num2;
```

```
System.out.printf("Sum is : %.2f\n", sum);
```

```
}
```

Example 2:

```
package double1;
```

```
public class Double1 {
```

```
    public static void main(String[] args) {
```

```
        double num1 = 953.75;
```

```
        System.out.println(num1%1);
```

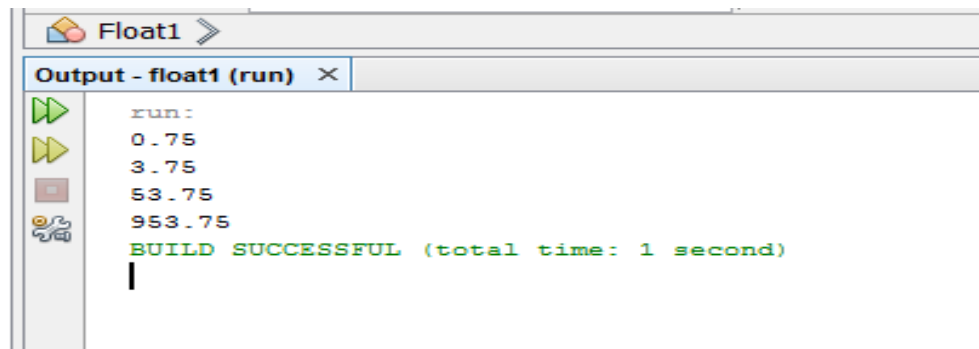
```
System.out.println(num1%10);
```

```
System.out.println(num1%100);
```

```
System.out.println(num1%1000);
```

```
    }
```

```
}
```



Example 3:

```
package areacircle;

import java.util.Scanner;

public class AreaCircle {
    public static void main(String[] args) {
        // TODO code application logic here

        int r1;
        double Area1;
        Scanner input = new Scanner(System.in);

        System.out.println("Please enter radius");
        r1 = input.nextInt();

        Area1 = r1 *r1 * Math.PI;
        System.out.printf("Area is : %.2f\n", Area1);
    }
}
```

FLOAT VARIABLE

Example 1:

```
public static void main(String[] args) {
    float num1 = 10.3f;
    float num2 = 20.2f;
    float sum;

    sum = num1 + num2;

    System.out.printf("Sum is : %.2f\n", sum);
}
```

Example 2:

```
public static void main(String[] args) {
```

```
Scanner input = new Scanner(System.in);

float num1;
float num2;
float sum;

System.out.print("Enter first number");
num1 = input.nextFloat();

System.out.print("Enter second number");
num2 = input.nextFloat();

sum = num1 + num2;

System.out.printf("Sum is : %.2f\n", sum);
}
}
```

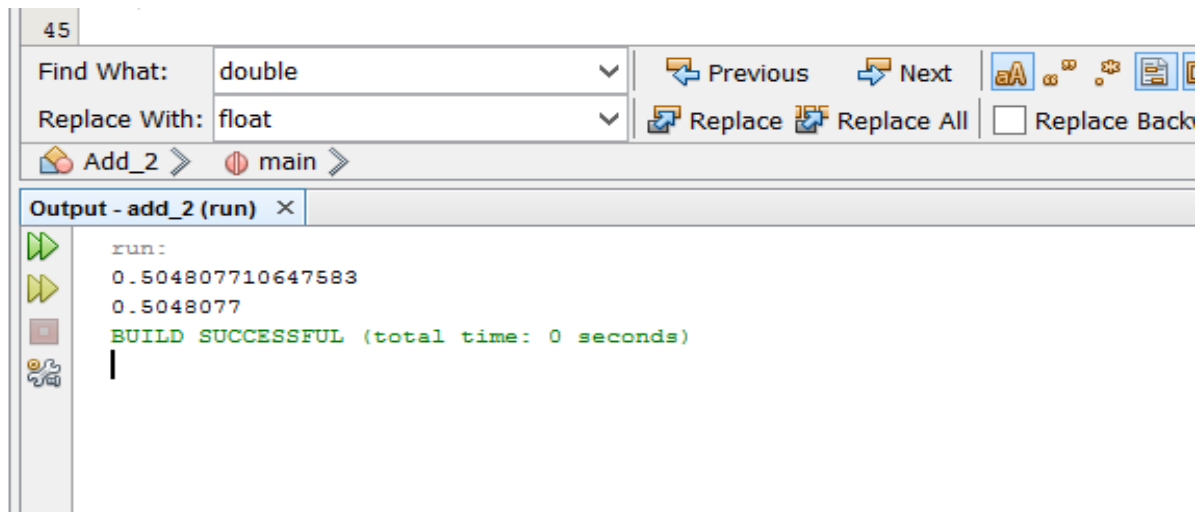
Example 3:

```
public static void main(String[] args) {

    double divide_double;
    float  divide_float;

    divide_double = 10.5f/20.8f;
    divide_float = 10.5f/20.8f;

    System.out.println(divide_double);
    System.out.println(divide_float);
}
```



CHARACTER VARIABLE

I will be updating this file as we go along.