**Name: Milan Dineshbhai Sutariya**

**Student number: 12042308**

**Python Code:**

# Declare two variables, a and b. Assign a the value 15 and b the value 12.

a=15

b=12

# Print the types of a and b using the type() function.

print(type(a))

print(type(b))

# Create a code script to perform an addition (a + b) and print the result

print(a+b)

# Create a code script to perform an subtract (a - b) and print the result

print(a-b)

# Create a code script to perform an multyply (a \* b) and print the result

print(a\*b)

# Create a code script to perform an Division (a / b) and print the result

print(a/b)

# Create a new variable c that stores the result of a divided by b. Make sure c is of type integer

c=int(a/b)

#Print the value and type of c.

print(c, type(c))

# Now convert c to a float and print its new value and type

c = (float(c))

print(c, type(c))

# Declare a string variable message with the value "The result of a divided by b is:".

message = "The result of a divided by b is:"

# Concatenate the message with the value of c (converted to a string) and print the result

con\_msg = message+ " " + str(c)

print(con\_msg)

# Compare if a is greater than b and print the result (True/False).

print(a>b)

# Check if a is equal to b and print the result (True/False).

print(a==b)

**OutPut:**

<class 'int'>

<class 'int'>

27

3

180

1.25

1 <class 'int'>

1.0 <class 'float'>

The result of a divided by b is: 1.0

True

False

**Screen Shots:**

**A screenshot of a computer program

Description automatically generated**

**A computer screen with blue lines

Description automatically generated**