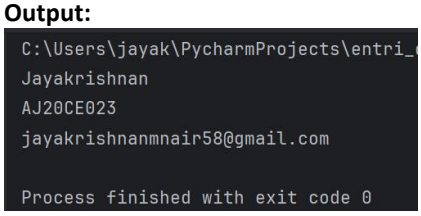
Assignment_1

Exercise_1:

```
Name="Jayakrishnan"
Student_Number="AJ20CE023"
Email_Address="jayakrishnanmnair58@gmail.com"
print(Name)
print(Student_Number)
print(Email_Address)
```

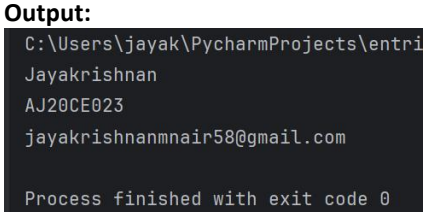
Output:



Exercise_2:

```
print("Jayakrishnan\nAJ20CE023\njayakrishnanmnair58@gmail.com")
```

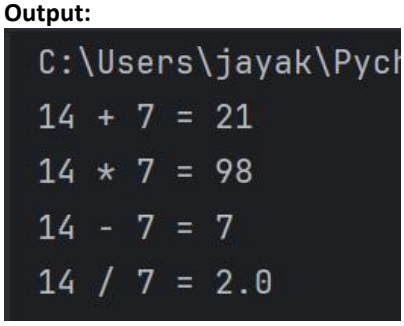
Output:



Exercise_3:

```
num1 = 14
num2 = 7
print(f"{num1} + {num2} = {num1 + num2}")
print(f"{num1} * {num2} = {num1 * num2}")
print(f"{num1} - {num2} = {num1 - num2}")
print(f"{num1} / {num2} = {num1 / num2}")
```

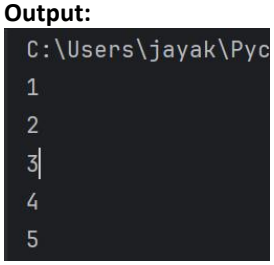
Output:



Exercise_4:

```
for number in range(1, 6):
 print(number)
```

Output:



Exercise_5:

print('"SDK" stands for "Software Development Kit", whereas\n"IDE" stands for "Integrated Development Environment".')

Output:

```
C:\Users\jayak\PycharmProjects\entri_d41_python_project\
"SDK" stands for "Software Development Kit", whereas
"IDE" stands for "Integrated Development Environment".

Process finished with exit code 0
```

Exercise_6:

print("python is an \"awesome\" language.")

Output:

```
C:\Users\jayak\PycharmProjects\entr
python is an "awesome" language.

Process finished with exit code 0
```

print("python\n\t2023")

Output:

```
C:\Users\jayak\PycharmProjects\ent
python
    2023

Process finished with exit code 0
```

print('I\'m from Entri.\b')

Output:

```
C:\Users\jayak\PycharmProjects\en
I'm from Entri

Process finished with exit code 0
```

print("\65")

Output:

```
C:\Users\jayak\PycharmProjects\ent
5

Process finished with exit code 0
```

print("\x65")

Output:

```
C:\Users\jayak\PycharmProjects\entr
e

Process finished with exit code 0
```

print("Entri", "2023", sep="\n")

Output:

```
C:\Users\jayak\PycharmProjects\ent
Entri
2023

Process finished with exit code 0
```

print("Entri", "2023", sep="\b")
Output:

```
C:\Users\jayak\PycharmProjects\entr
Entr2023

Process finished with exit code 0
```

print("Entri", "2023", sep="*", end="\b\b\b\b")
Output:

```
C:\Users\jayak\PycharmProjects\ent
Entri*
Process finished with exit code 0
```

Exercise_7:

```
num=23
textnum="57"
decimal=98.3
print(type(num))
print(type(textnum))
print(type(decimal))

sum_of_variables=num+int(textnum)+decimal

print("Sum of variables :",sum_of_variables)
print("Type of Sum :",type(sum_of_variables))
```

Output:

```
C:\Users\jayak\PycharmProjects\
<class 'int'>
<class 'str'>
<class 'float'>
Sum of variables : 178.3
Type of Sum : <class 'float'>
```

Exercise_8:

```
days_in_a_year = 365
hours_in_a_day = 24
minutes_in_an_hour = 60
total_minutes_in_a_year = days_in_a_year * hours_in_a_day * minutes_in_an_hour
print("This program calculates the total number of minutes in a year.")
print(f"Total minutes in a year: {total_minutes_in_a_year}")
```

Output:

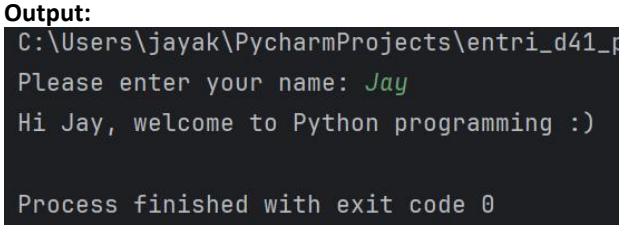
```
C:\Users\jayak\PycharmProjects\entri_d41_python_project\.venv\S
This program calculates the total number of minutes in a year.
Total minutes in a year: 525600

Process finished with exit code 0
```

Exercise_9:

```
name = input("Please enter your name: ")
print(f"Hi {name}, welcome to Python programming :)")
```

Output:



Exercise_10:

```
conversion_rate = 1.25
amount_in_pounds=float(input("Enter the amount in pounds:"))
amount_in_dollars=amount_in_pounds*conversion_rate
print(f"£{amount_in_pounds:.2f} are ${amount_in_dollars:.2f}")
```

Output: