

```
#print Hello world  
print("Hello, World!")
```

Hello, World!

```
#print Name  
print("Anclin Stephy")
```

Anclin Stephy

```
#print name and age  
print("Anclin Stephy")  
print("Age:",21)
```

Anclin Stephy
Age: 21

```
#declare and use different data types  
#string  
name="Anclin Stephy"  
print("Name:",name)  
#integer  
age=21  
print("Age:",age)  
#Float  
height=7.6  
print("Height:",height)  
#Boolean  
is_student=True  
print("is_student:",is_student)
```

Name: Anclin Stephy
Age: 21
Height: 7.6
is_student: True

```
#String Concatination(+)  
firstname="Anclin"  
lastname="stephy"  
fullname=firstname+" "+lastname  
print("fullname:",fullname)  
#string concatenation(f-string)  
firstname="Anclin"  
lastname="stephy"  
fullname=f"{firstname} {lastname}"  
print("fullname:",fullname)
```

fullname: Anclin stephy
fullname: Anclin stephy

```
#Declare and print variables(name)
name="Anclin Stephy"
print("name:",name)
#Declare and print variables(age)
age=21
print("age:",age)
```

```
name: Anclin Stephy
age: 21
```

```
#perform matheetical calculation
#addition
num1=10
num2=20
result=num1+num2
print("addition:",result)
#substaction
num1=20
num2=10
result=num1-num2
print("substruction:",result)
#multiplication
num1=25
num2=3
result=num1*num2
print("multiplication:",result)
#division
num1=45
num2=5
result=num1/num2
print("division:",result)
```

```
addition: 30
substruction: 10
multiplication: 75
division: 9.0
```

```
#declare and print a list
skills=["Microsoft Excel","Microsoft PowerBI","Python","SQL"]
print("Data Analyst Skill Set:",skills)
print("first skill:",skills[0])
print("second skill:",skills[1])
print("third skill:",skills[2])
print("fourth skill:",skills[3])
```

```
Data Analyst Skill Set: ['Microsoft Excel', 'Microsoft PowerBI',
'Python', 'SQL']
first skill: Microsoft Excel
second skill: Microsoft PowerBI
```

```
third skill: Python
fourth skill: SQL
```

```
# print simple pattern
n=10
for i in range(1,n+1):
    print("*" *i)
```

```
*
**
***
****
*****
*****
*****
*****
*****
*****
```

```
#declare and modify variables
#name
name="Anclin stephy"
print("name:",name)
#Age
age=21
print("age:",age)
#is_student
is_student=True
print("is_student:",is_student)
```

```
name: Anclin stephy
age: 21
is_student: True
```

```
# print and modify variable values
name="anclin"
age=21
is_student=True
print("initial name:",name)
print("initial age:",age)
print("is_student:",is_student)
name="stephy"
age+=1
is_student=False
print("Modified name:",name)
print("Modified age:",age)
print("is_student:",is_student)
```

```
initial name: anclin
initial age: 21
```

```
is_student: True  
Modified name: stephy  
Modified age: 22  
is_student: False
```