



INDUSTRY 4.0

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Activity 01 – Python introduction

Description: Create a simple program that prints a profile by using variables and formatting strings.

```
1 # -*- coding: utf-8 -*-
2 """
3 Created on Sun Mar  1 13:25:01 2020
4
5 @author: edson
6 """
7 Name="Golden"
8 Last_name="boy"
9 Age="18 years"
10 Height="1.80mts"
11 ID="93111914"
12 Crime="Stole"
13
14 print('Last Name: {:20}'.format>Last_name))
15 print('Name: {:20}'.format(Name))
16 print('Age: {:20}'.format(Age))
17 print('Height: {:20}'.format(Height))
18 print('ID: {:20}'.format(ID))
19 print('Crime: {:20}'.format(Crime))
```

Code:

```
Name="Golden"
Last_name="boy"
Age="18 years"
Height="1.80mts"
ID="93111914"
Crime="Stole"
```

```
print('Last Name: {:20}'.format>Last_name))
print('Name: {:20}'.format(Name))
print('Age: {:20}'.format(Age))
print('Height: {:20}'.format(Height))
print('ID: {:20}'.format(ID))
print('Crime: {:20}'.format(Crime))
```

Activity 02 – Simple AI

```

5 @author: edson
6 ---
7 Base_name = "EDSON"
8 username = None
9 age = None
10 phone=None
11 blood = None
12 tuition=None
13
14 print ("what is your name?")
15 username = input(f"({username})")
16
17 print (f"Hello, {username}, my name is {Base_name}")
18
19
20 answer = input("how old are you?")
21 age= input(f"({age}):")
22
23 answer = input("Can you tell me your tuition?(y/n)")
24 tuition= input(f"({tuition})New tuition:")
25
26 answer = input ("Can you tell me your phone number?(y/n)")
27 if answer == "y":
28     phone= input(f"({phone})New phone:")
29
30 answer = input ("What is your blood type?")
31 blood = input(f"({blood})")
32
33 print("Your credential is ready tomorrow, let's verify your data.")
34 print(f"(username:){(username)}")
35 print(f"(age:){(age)}")
36 print(f"(phone:){(phone)}")
37 print(f"(blood:){(blood)}")
38 print(f"(tuition:){(tuition)}")
39 print(f"Is your information correct?(y/n)")
40 if answer == "y":
41     print(f"your ID is ready.")
42
43

```

Base_name ="EDSON"

username = None

age = None

phone=None

blood = None

tuition=None

print ("what is your name?")

username = input(f"({username})")

print (f"Hello, {username}, my name is {Base_name}")

answer = input("how old are you?")

age= input(f"({age}):")

answer = input("Can you tell me your tuition?(y/n)")

tuition= input(f"({tuition})New tuition:")

answer = input ("Can you tell me your phone number?(y/n)")

if answer == "y":

phone= input(f"({phone})New phone:")

answer = input ("What is your blood type?")

blood = input(f"({blood})")

print("Your credential is ready tomorrow, let's verify your data.")

print(f"(username:){(username)}")

print(f"(age:){(age)}")

print(f"(phone:){(phone)}")

print(f"(blood:){(blood)}")

print(f"(tuition:){(tuition)}")

print(f"Is your information correct?(y/n)")

if answer == "y":

print("your ID is ready.")