

First here are the two codes of python

1. Activity one (Python introduction)

```
Name="Luis Angel"
Last_name="Maldonado Avelino"
Age="18 years"
Number="5586255674"
ID="Id 193110905"
Gamertag="LuisXdv23"
sep='*****'
print('{sep}')
print('Hi {Name}')
print('{sep}')
print('Last Name:{Last_name}')
print('{sep}')
print('You are Age:{Age} years old')
print('{sep}')
print('Number"{Number}')
print('{sep}')
print('ID:{ID}')
print('{sep}')
print('Gamertag:{Gamertag}')
print('{sep}')
#I added one new instruction for generate a pause in the ejecution
time.sleep(5)
```

2. Activity 2 (Simple AI)

```
AI_NAME = 'what kind of pozole are you'
username = 'User etc'
level_verde = 0
level_rojo = 0
age = None
gender = None
```

```
print( f'Hello experiment, {username},I am going to help you to know
{AI_NAME}' )
```

```
fanswer=input(f'would you like some green sauce in your pozole?(yes/no)')
if fanswer == 'yes':
    level_verde=level_verde + 1
else:
    level_rojo=level_rojo + 1
```

```
sanswer=input(f'would you like some chicken in your pozole?(yes/no)')
if sanswer == 'yes':
    level_verde=level_verde+1
else:
    level_rojo=level_rojo+1
```

```
tanswer=input(f'would you like some oregano in your pozole?(yes/no)')
if tanswer == 'yes':
    level_verde=level_verde+1
else:
    level_rojo=level_rojo+1
```

```
str_age = input('Introduce your Age:')
if( str_age != ""):
    level_rojo=level_rojo+1
    age = int(str_age)
```

```
str_gender = input('Introduce your Gender(m or f):')
```

```

if( str_gender != ""):
    if str_gender == 'm':
        gender = 'Male'
        level_verde=level_verde+1
    elif str_gender == 'f':
        gender = 'Female'
        level_rojo=level_rojo+1
    else:
        print(f'({str_gender}) does not exist in my database ')

if level_rojo < 3 or level_verde < 3:
    print( f'Well I cannot work like this {username}. Come again when you
are decided')
elif level_rojo > 4 :
    print( f"That's all, {username}. I think you are green pozole.")
else:
    print( f"Thank you {username}. I think you are red pozole." )
    print( '...')

```

### 3. Activity 4(Target creation)

Well I chose this image because It has a lot of trackable points, corners and contrast between the colors . It also has a good resolution and a great rate in Vuforia.