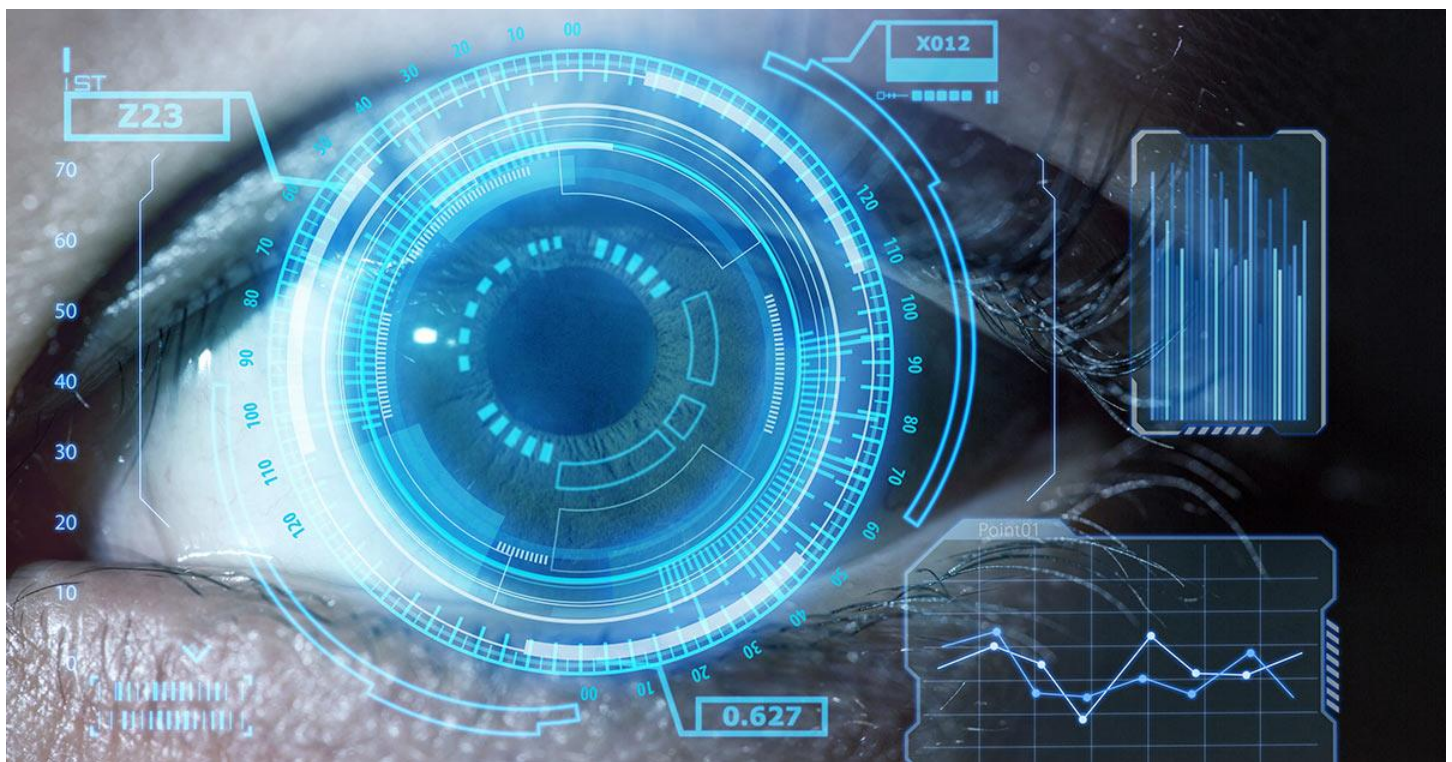


“COMPUTER VISION”

ENG: AHMED MUBARAK

01020451375



SESSION NO.“3”

- PYTHON PROGRAMMING

ENG.AHMED MUBARAK

01020451375

14.functions

```
def mubarak():
    print("Ahmed Mubarak")
print("-----")
mubarak()
print("-----")
def greet(name):
    print("Hello, " + name + ". Good morning!")
greet('ahmed')
print("-----")
def absolute_value(num):
    if num >= 0:
        return num
    else:
        return -num

print(absolute_value(2))

print(absolute_value(-4))
print("-----")
def mubarak():
    print("mubarak")
def main():
    mubarak()
if __name__ == "__main__":main()
```

15.calculate the area of the circle by 3 methods

```
#program to find area of circle in Python using math file
import math
r = float(input("Enter the radius of the circle: "))
area = math.pi* r * r
print("%.2f" %area)

print ("-----")

#program to find area of circle in Python using  $\pi$ 
PI = 3.14
r = float(input("Enter the radius of the circle: "))
area = PI * r * r
print("%.2f" %area)
```

```
print("-----")
#program to find area of circle using functions
import math

#Function that calculates area of circle
def area_of_circle(r):
    a = r**2 * math.pi
    return a

r = float(input("Enter the radius of the circle: "))
print("%.2f" %area_of_circle(r))
```

With my best wishes:

ENG : AHMED MUBARAK
