



# INDIAN SCHOOL AL WADI AL KABIR

|                        |                                     |
|------------------------|-------------------------------------|
| <b>Class: IX</b>       | <b>Department: Computer Science</b> |
| <b>PYTHON PROGRAMS</b> | <b>ARTIFICIAL INTELLIGENCE</b>      |

## 1. Display a Message

```
print("Welcome to Python Programming")
print("I am learning Python")
```

## 2. Display Student Details

```
name = input("Enter your name: ")
age = input("Enter your age: ")
school = input("Enter your school name: ")
print("Name:", name)
print("Age:", age)
print("School:", school)
```

## 3. Add Two Numbers

```
a = int(input("Enter first number: "))
b = int(input("Enter second number: "))
sum = a + b
print("Sum =", sum)
```

## 4. Find the Area of a Rectangle

```
length = float(input("Enter length: "))
breadth = float(input("Enter breadth: "))
area = length * breadth
print("Area of rectangle =", area)
```

## 5. Find the Area of a Circle

```
radius = float(input("Enter radius: "))
area = 3.14 * radius * radius
print("Area of circle =", area)
```

## 6. Check Whether a Number is Even or Odd

```
num = int(input("Enter a number: "))

if num % 2 == 0:
    print("The number is even")
else:
    print("The number is odd")
```

## 7. Check Whether a Number is Positive, Negative or Zero

```
num = int(input("Enter a number: "))
if num > 0:
    print("Positive number")
elif num < 0:
    print("Negative number")
else:
    print("Zero")
```

## 8. Find the Largest of Two Numbers

```
a = int(input("Enter first number: "))
b = int(input("Enter second number: "))
if a > b:
    print("Largest number =", a)
else:
    print("Largest number =", b)
```

## 9. Find the Largest of Three Numbers

```
a = int(input("Enter first number: "))
b = int(input("Enter second number: "))
c = int(input("Enter third number: "))
if a >= b and a >= c:
    print("Largest =", a)
elif b >= a and b >= c:
    print("Largest =", b)
else:
    print("Largest =", c)
```

## 10. Print Numbers from 1 to 10

```
for i in range(1, 11):
    print(i)
```