1. Define Variable .

A.

Variable is a container to store values. They are reference to a memory location which is used to store value.

2. Difference between snake\_case and camelCase.

A.

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| --- | --- | --- |
| **Parameter** | **Snake case** | **Camel case** |
| Programming Language | Snake case is the naming convention applied by Python and Ruby. | Camel case is the naming convention applied by Java and Kotlin. It is also commonly used in C# and C++. |
| Word Format | Multiple words are separated by underscores. | Multiple words are concatenated without underscores. |
| Capitalization | All letters need to be lowercase. | A capital letter appears at the start of the second word and at each new subsequent word that follows it. |
| Examples | number\_of\_donuts  fave\_phrase | numberOfDonuts  favePhrase |

3. What is meant by integer division.

A. Division in which the fractional part (remainder) is discarded is called integer division.

4. Write program to exchange the values of two numbers with and without using temporary variables.

A.

x , y = 2 , 5

x = x + y

y = x - y

x = x - y

5. Write a program to accept a string value via user input and display the same .

A.

accepted\_input = input("Enter a string: ")

print(accepted\_input)

6. Write a program to find the average marks for three subjects.

A.

sub1\_marks = 54

sub2\_marks = 55

sub3\_marks = 92

print("Average marks =", (sub1\_marks + sub2\_marks + sub3\_marks)/3)