

Que-1 Why are functions advantageous to have in your programs?

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In [ ]: 1 Answer:- Functions are organised block of code. Advantage is to use code again and again and it
        2 Functions reduce the need for duplicate code.
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Que-2 When does the code in a function run: when it's specified or when it's called?

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In [ ]: 1 Answer:- The code in function is not run(execute) when it is specified, it is run(execute),
        2 when function called.
```

Que-3 What statement creates a function?

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In [ ]: 1 Answer:- In function we need to create function by using def keyword
        2
        3     def fun_name(parameters):
        4         function body
        5     return statment
```

Que-4 What is the difference between a function and a function call?

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In [ ]: 1 Answer:- Function is organised block of code and use to achieve a particular result by using to
        2 call a function. Using a function to do a particular task at any point in program is
        3 called as function call or function call is what moves the program execution into the
        4 function, and the function call evaluates to the function's return value.
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Que-5 How many global scopes are there in a Python program? How many local scopes?

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In [ ]: 1 Answer:- There is one global python scope in program execution. This scope remains in
        2 existence until the program terminates, and a local scope is created whenever a
        3 function is called.
```

Que-6 What happens to variables in a local scope when the function call returns?

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In [ ]: 1 Answer:- Whenever function call return the variables in a local scope is destroy.
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Que-7 What is the concept of a return value? Is it possible to have a return value in an expression?

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In [ ]: 1 Answer:- return value is used to excute the result of function, it is possible to have return  
2         value is an expression.  
3
```

Que-8 If a function does not have a return statement, what is the return value of a call to that function?

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In [ ]: 1 Answer:- If a return statment not in function expression then it return None value in the consol.
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Que:-9 How do you make a function variable refer to the global variable?

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In [ ]: 1 Answer:- By using a Global keyword we can make or declare the function variable as a global  
2         variable.
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Que-10 What is the data type of None?

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In [ ]: 1 Answer:- The data type of None is NoneType.
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Que-11 What does the sentence import areallyourpetsnamederic do?

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In [ ]: 1 Answer:- import statement imports a module named areallyourpetsnamederic.But a module of this  
2         name doesnt exists in Python
```

Que-12 If you had a bacon() feature in a spam module, what would you call it after importing spam?

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In [ ]: 1 Answer:- import spam
        2         function can be called with spam.bacon()
```

Que-13 What can you do to save a programme from crashing if it encounters an error?

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In [ ]: 1 Answer:- To save a programme from crashing we can put the whole block of code inside a try and
        2         except block.
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Que-14 What is the purpose of the try clause? What is the purpose of the except clause?

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In [ ]: 1 Answer:- Try and Except clause is used to handle the errors within our code. The try clause is
        2         used to check some code for errors means that, the code inside the try clause will execute
        3         whenever there is no error in the program. Whereas the code inside the except clause will handle
        4         the error which encounter in the try clause.
        5
        6         try:
        7             body of code
        8         except:
        9             statment of error
```