{

"cells": [

{

"cell\_type": "raw",

"id": "fd696f1b",

"metadata": {},

"source": [

"Ans 1-\n",

"It avoids repititions of codes,increases program readability ,it divides complex problem into simpler ones, reduces chances if error,modifying a program becomes easier by using function"

]

},

{

"cell\_type": "raw",

"id": "2f04b835",

"metadata": {},

"source": [

"Ans 2-\n",

"When a function is called the program leaves the current section of code and begins to execute the first line inside the function.\n"

]

},

{

"cell\_type": "raw",

"id": "f56e3666",

"metadata": {},

"source": [

"Ans 3-\n",

"A function is created with the def keyword."

]

},

{

"cell\_type": "raw",

"id": "913235b2",

"metadata": {},

"source": [

"Ans 4-\n",

"using a function to do a particular task amy point in program is called as function call.So the difference between the function and the function call is a function is procedure to acheive a particular result while function call is using this function to acheive that task.\n"

]

},

{

"cell\_type": "raw",

"id": "175af0c8",

"metadata": {},

"source": [

"Ans 5-\n",

"The scope of global variables is the entire program whereas the scope of local variable is limited to the function where it is defined."

]

},

{

"cell\_type": "raw",

"id": "9d119df1",

"metadata": {},

"source": [

"Ans 6-\n",

"When the execution of the function terminates the local variables are destroyed.it helps you to visualize this because the local variables after the function returns.\n"

]

},

{

"cell\_type": "raw",

"id": "a81a301b",

"metadata": {},

"source": [

"Ans 7-\n",

"A return is a value that a function returns to the calling script or function when it completes its task.Since return\_42() returns a numeric value ,you can use that value in a math expression or any kind of exptression in which the value has a logical or coherant meaning.\n",

"\n"

]

},

{

"cell\_type": "raw",

"id": "1765f1a8",

"metadata": {},

"source": [

"Ans-8\n",

"If a function doesnt specify a return value it returns none.\n"

]

},

{

"cell\_type": "raw",

"id": "e65e8771",

"metadata": {},

"source": [

"Ans-9\n",

"If you want to refer to a global variable in a function, you can use the global keyword to declare which variables are global."

]

},

{

"cell\_type": "raw",

"id": "99806fde",

"metadata": {},

"source": [

"Ans-10\n",

"The None keyword is used to define a null value, or no value at all. None is not the same as 0, False, or an empty string. None is a data type of its own (NoneType) and only None can be None.\n"

]

},

{

"cell\_type": "raw",

"id": "24cfaf60",

"metadata": {},

"source": [

"Ans-11\n",

"That import statement imports a module named areallyourpetsnamederic.\n"

]

},

{

"cell\_type": "raw",

"id": "a44adc9c",

"metadata": {},

"source": [

"Ans-12\n",

" This function can be called with spam. bacon()."

]

},

{

"cell\_type": "raw",

"id": "b293ab0a",

"metadata": {},

"source": [

"Ans-13\n",

"When it encounters an error, the control is passed to the except block, skipping the code in between. As seen in the above code, we have moved our code inside a try and except statement. Try running the program and it should throw an error message instead of crashing the program\n"

]

},

{

"cell\_type": "raw",

"id": "a892b0f0",

"metadata": {},

"source": [

"Ans-14\n",

"The try block lets you test a block of code for errors. The except block lets you handle the error. \n"

]

}

],

"metadata": {

"kernelspec": {

"display\_name": "Python 3 (ipykernel)",

"language": "python",

"name": "python3"

},

"language\_info": {

"codemirror\_mode": {

"name": "ipython",

"version": 3

},

"file\_extension": ".py",

"mimetype": "text/x-python",

"name": "python",

"nbconvert\_exporter": "python",

"pygments\_lexer": "ipython3",

"version": "3.9.12"

}

},

"nbformat": 4,

"nbformat\_minor": 5

}