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Answers Key:

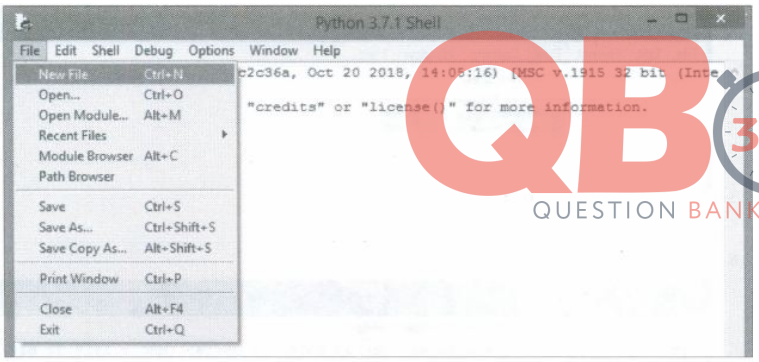
4 Marks

1. Python's features include -

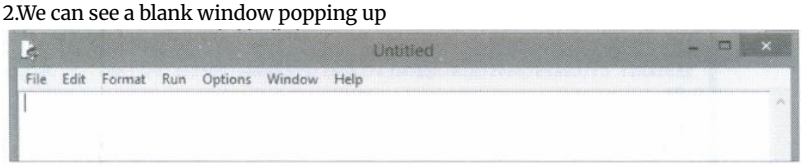
i) Easy-to-learn - Python has few keywords, simple structure, and a clearly defined syntax. This allows the student to pick up the language quickly.
ii)Easy-to-read - Python code is more clearly defined and visible to the eyes.
iii) Easy-to-maintain - Python-s source code is fairlyeasy-to-maintain.
iv) A broad standard library - Python-s bulk of the library is very portable and cross-platform compatible on UNIX,Windows, and Macintosh.
v) Interactive Mode -:- Python has support for an interactive mode which allows interactive testing and debugging of snippets of code.
vi) Portable - Python can run on a wide variety of hardware platforms and has the same interface on all platforms.
vii)Extendable - You can add low-level modules to the Python interpreter. These modules enable programmers to add to or customize their tools to be more efficient.
viii) Databases - Python provides interfaces to all major commercial databases.
ix) GUI Programming - Python supports GUI applications that can be created and ported to many system calls, libraries and windows systems, such as Windows MFC, Macintosh, and the XWindow system of Unix.
x) Scalable - Python provides a better structure and support for large programs than shell scripting.

2. In script mode, we type Python program in a file and then use the interpreter to execute the content from the file. Working in interactive mode is convenient for beginners and for testing small pieces of code, as we can test them immediately. But for coding more than few lines, we should always save our code so that we may modify and reuse the code.

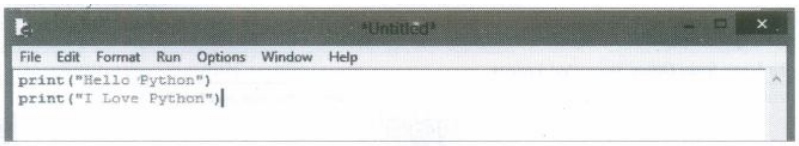
First go to File → New File



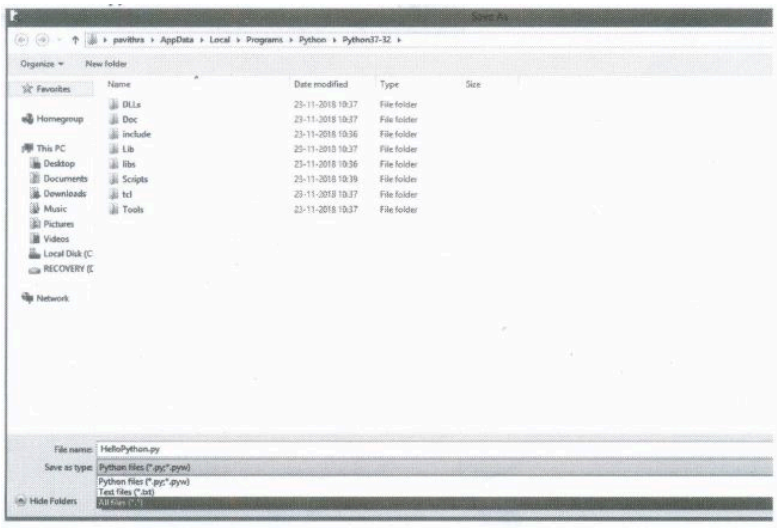
2.We can see a blank window popping up



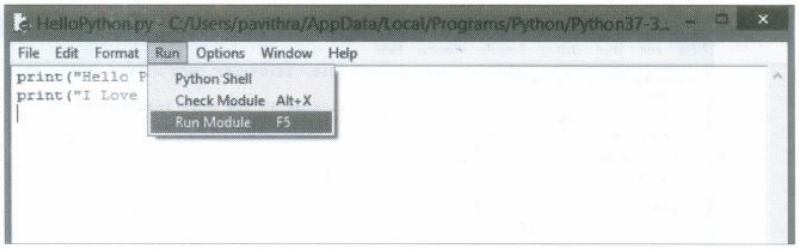
3.Write the python code



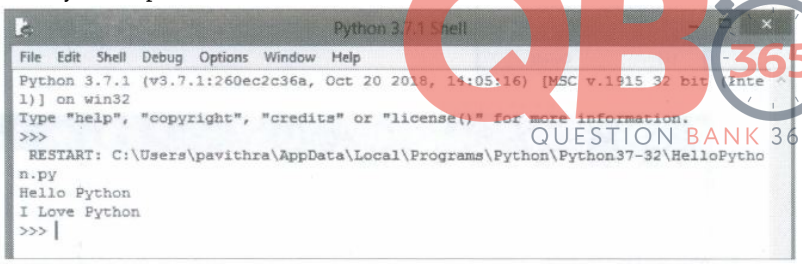
4.Save it with ".py" extension



5.Execute by pressing Shift + F5 key or run option



6. Verify the output



QB 365 Study Material
QUESTION BANK 365

2 Marks

3. (a) SyntaxError: invalid syntax
   (b) 12
   (c) 5.2 this 2 that 2.5
4. These are the values: 9 30 0.875
5. name = input("Enter name")
   bday = input("Enter birthday")
   print ("Name ", name)
   print ("Birthday", bday)

Multiple Choice Question

6. (c) and (d)
7. (b) and (d)
8. (b) print(a, end=" ",b)
9. (c) Keywords
10. (a) Identifiers
11. (d) literals