**Question 9 Python**

Each of the following will cause an exception (an error).

Identify what type of exception each will cause.

|  |  |
| --- | --- |
| Trying to add incompatible variables, as in adding 6 + ‘a’ | Unsupported type exception |
| Referring to the 12th item of a list that has only 10 items | Out of index exception |
| Using a value that is out of range for a function’s input, such as calling math.sqrt(-1.0) | domain error exception |
| Using an undeclared variable, such as print(x) when x has not been defined | variable not defined exception |
| Trying to open a file that does not exist, such as mistyping the file name or looking in the wrong directory | No such directory found exception |