

```

code1.py > add_binary
3   def add_binary():
4       global a
5       global result
6       result = ''
7       carry = 0
8       i, j = len(a) - 1, len(b) - 1
9       while i >= 0 or j >= 0 or carry:
10          total = carry
11          if i >= 0:
12              total += int(a[i])
13              i -= 1
14          if j >= 0:
15              total += int(b[j])
16              j -= 1
17          result = str(total % 2) + result
18          carry = total // 2
19          print(result)
20          print(add_binary("11", "1")) #output: "100"
21          print(add_binary("1010", "1011")) #output: "10101"

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Traceback (most recent call last):

File "c:/Users/HP/Downloads/python/lect 1/code1.py", line 20, in <module>
 print(add_binary("11", "1")) #output: "100"

TypeError: add_binary() takes 0 positional arguments but 2 were given

PS C:\Users\HP\Downloads\python\lect 1> & C:/Users/HP/AppData/Local/Programs/Python/Python38-64/Python.exe C:/Users/HP/Downloads/python/lect 1/code1.py

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PS C:\Users\HP\Downloads\python\lect 1>