Q1(a) No side effects in this line

(b)x=int(**input(“Enter the number:”)**).The bold part represents side effect as the data is stored in input buffer.

(c)**print(“Hello world!”).** The whole line represents a side effect as it stores data in output buffer.

(d)**sum=0**, **print(sum)** and **sum+=i** represents side effects as ‘sum=0’ creates a variable ,named as sum, and assigns it value zero, the ‘print(sum)’ part stores data in output buffer and the ‘sum+=i’ part changes or affects the data stored in sum variable, which indirectly changes value in output buffer.