1. Write the output for the following and justify your answer wherever necessary

   A.
   ```
   a = 5
   print(type(a))
   b=5.0
   print(type(5.0))
   c = 5 + 3j
   print(type(c))
   d=True
   print(type(d))
   e=None
   print(type(e))
   ```

   B.
   ```
   s="python"
   print(type(s))
   s[0] = "c"
   print(s)
   ```

   C.
   1.
   ```
   l=[5,4,3,2,1]
   print(type(l))
   print(l[0])
   print(l[2.4])
   print(l[5])
   print(l[-1])
   ```

   11.
   ```
   l1=[1, 2.4, "interpretive", [5,4,"python"], (6,"interactive")]
   print(l1[2][3])
   print(l1[3][2][2])
   l1[3][0]=15
   print(l1)
   l1[4][0]=16
   print(l1)
   ```

   D.
   1.
   ```
   t1=(5,4,3,215)
   print(type(t1))
   t1[3]=2
   print(t1)
   ```
   11.
   ```
   t2=(1, 2.4, "interpretive", [1,"python"], (2,"interactive"))
   t2[3][0]=5
   print(t2)
   ```

111.

```
t3=(1, 2.4, "interpretive", [1,"python"], (2,"interactive"))
t3[4][0]=22
print(t3)
```

2. **Write a python program to implement reverse of words in a string**

   Input: "how are you"
   Output: "you are how"
   Input: "welcome to python programming"
   Input: "programming python to welcome"

   HInt:
   Make use of builtin split() and join() functions

3. **Write a python program to sort elements in the list A=[3,7,5,1,8,2,11,4] without using built in functions.**

   Input:[3,7,5,1,8,2,11,4]
   Output:[1,2,3,4,5,7,8,11]