TASK 1

```
def chooseandswap(A):
    temp = ' '
    for i in range(len(A)):
        for j in range(len(A)-2):
            if A[j] > A[j+1]:
                temp=A[j]
                A[j] = A[j+1]
                A[j+1] = temp
    answer = ""
    for i in range(len(A)):
        answer += A[i]
    return answer
```

TASK 2

```
def printLargest(numbers):

    result = []
    for permutation in itertools.permutations(str(number) for number in
numbers):
        result.append(''.join(permutation))

    maximum = max(result, key=int)
    print(int(maximum))
```

TASK 3

```
def longestPalin(string):
    maxLength = 1

    start = 0
    length = len(string)

    low = 0
    high = 0


    for i in range(1, length):

        low = i - 1
        high = i
        while low >= 0 and high < length and string[low] == string[high]:
            low -= 1
            high += 1

        low += 1
        high -= 1
        if string[low] == string[high] and high - low + 1 > maxLength:
            start = low
            maxLength = high - low + 1

        low = i - 1
        high = i + 1
        while low >= 0 and high < length and string[low] == string[high]:
            low -= 1
            high += 1

        low += 1
        high -= 1
        if string[low] == string[high] and high - low + 1 > maxLength:
            start = low
            maxLength = high - low + 1

    print("palindrome:" )
    print(string[start:start + maxLength])
```

TASK 4

```
class meeting:
    def __init__(self, start, end, pos):
        self.start = start
        self.end = end
        self.pos = pos

def maxMeeting(l, n):
    ans = []
    l.sort(key = lambda x: x.end)
    ans.append(l[0].pos)
    time_limit = l[0].end
    for i in range(1, n):
        if l[i].start > time_limit:
```

```
            ans.append(l[i].pos)
            time_limit = l[i].end
    print(len(ans))
```