Assignment Day 2 | 6th November 2020

Answer 1:

```
my_list = []
for i in range(10):
    i = int(input())
    if (i % 2) == 0:
        my_list.append(i)
    else:
        continue
print(my_list)
```

Answer 2: Tried to solve but I'm not getting the output

Answer 3:

```
mydictionary = {}
n = int(input())
mydictionary = dict()
for i in range(1, n+1):
    mydictionary[i] = i*i
print(mydictionary)
```

Answer 4:

```python
cur_Pos = {"x": 0, "y": 0}

fix_Num = int(input())
for i in range(fix_Num):

    inputValue = input()
    if not inputValue:
        break

    direction, steps = inputValue.split()

    if direction == "UP":
        cur_Pos["y"] += int(steps)

    elif direction == "DOWN":
        cur_Pos["y"] -= int(steps)

    elif direction == "LEFT":
        cur_Pos["x"] -= int(steps)

    elif direction == "RIGHT":
        cur_Pos["x"] += int(steps)

print(int(round((cur_Pos["x"] * 2 + cur_Pos["y"] * 2) ** 0.5)))
```