Question 1.

(a).
```python
n = int(input("n: "))
for i in range(n):
    print(i)
```

(b).
```python
n = int(input("n: "))
for i in range(100):
    print(i*n)
```

(c).
```python
n = int(input("n: "))
for i in range(n):
    print(i)
for j in range(n):
    print(j)
```

(d).
```python
n = int(input("n: "))
for i in range(n):
    for j in range(n):
        print(i, j)
```

(e).
```python
n = int(input("n: "))
for i in range(n):
    for j in range(i, n):
        print(i, j)
```

(f).
```python
n = int(input("n: "))
for i in range(n):
```

for j in range(10):
    print(i, j)

(g).

n = int(input("n: "))
while n > 1:
    print(n)
    n = n/2

(h).

lst = [1,2,3,5,7,12,19,34,55,67,99,101]
n = len(lst)
mid = int(n/2)
print(lst[mid])

(i).

n = int(input("n: "))
for i in range(n):
    k = n
    while k > 1:
        print(i, k)
        k = k/2