

Vidyavardhaka Sangha®, Mysore
VIDYAVARDHAKA COLLEGE OF ENGINEERING

Autonomous Institute, Affiliated to Visvesvaraya Technological University, Belagavi
(Approved by AICTE, New Delhi & Government of Karnataka)

Accredited by NBA | NAAC with 'A' Grade

Department of Information Science & Engineering

Phone: +91 821-4276210, Email: hodis@vvce.ac.in

Web: <http://www.vvce.ac.in>



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SET - 1

Regular Programs

1. List Comprehensions

```
if __name__ == '__main__':
```

```
    x = int(input())
```

```
    y = int(input())
```

```
    z = int(input())
```

```
    n = int(input())
```

```
    //insert your code here...
```

2. Lists

```
if __name__ == '__main__':
```

```
    N = int(input())
```

```
    command=[]
```

```
    for i in range(N):
```

```
        command.append(input().split())
```

```
    //insert your code here...
```

3. Nested Lists

```
if __name__ == '__main__':
```

```
    lis=[]
```

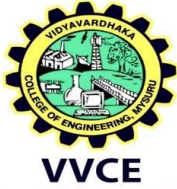
```
    for _ in range(int(input())):
```

```
        name = input()
```

```
        score = float(input())
```

```
        lis.append([name,score])
```

```
    lis.sort(key=lambda lis:lis[1])
```



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//insert your code here...

4. sWAP cASE

```
def swap_case(s):
```

```
    //insert your code here...
```

```
if __name__ == '__main__':
```

```
    s = input()
```

```
    result = swap_case(s)
```

```
    print(result)
```

5. Find a string

```
def count_substring(string, sub_string):
```

```
    //insert your code here...
```

```
if __name__ == '__main__':
```

```
    string = input().strip()
```

```
    sub_string = input().strip()
```

```
    count = count_substring(string, sub_string)
```

```
    print(count)
```

6. Designer Door Mat

```
n,m=input().split()
```

```
c='|'
```

```
v='.'
```

```
n=int(n)
```

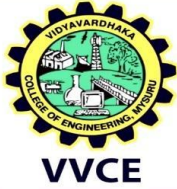
```
m=int(m)
```

```
    //insert your code here...
```

7. Alphabet Rangoli

```
n=int(input())
```

```
for i in range(n-1,-1,-1):
```



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```
for j in range(i):
    //insert your code here...
for j in range(n-1,i,-1):
    //insert your code here...
for j in range(i,n):
    //insert your code here...
for j in range(2*i):
    //insert your code here...
print()
for i in range(1,n):
    //insert your code here...
```

8. String Validators

```
def pr(t):
    if t==1:
        print(True)
    else:
        print(False)

if __name__ == '__main__':
    s = input()
    //insert your code here...
```

Additional Programs

1. No Idea!

```
n,m=list(map(int, input().split()))
//insert your code here...
```

2. Word Order

```
from collections import OrderedDict
```

```
d=OrderedDict()
n=int(input())
for i in range(n):
    //insert your code here...
```



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3. Find the runner-up score

```
if __name__ == '__main__':  
  
    n = int(input())  
  
    arr = map(int, input().split())
```

//insert your code here...

4. The Minion Game

```
def minion_game(string):  
    k=0  
    s=0  
    vowels="AaEeliOoUu"  
    for i in range(len(string)):  
        //insert your code here...  
if __name__ == '__main__':  
    s = input()  
    minion_game(s)
```

5. Compress the string

```
S=input()  
i=1  
a=[]  
count=1  
while i<len(S):  
    //insert your code here...  
for i in a:  
    print(i,end=' ')
```