

1

```
def main():
    op = ''
    letter = [4, 2, 2, 2, 4]
    for i in range(5):
        for j in range(4):
            if i == 0 or i == 4:
                op += '*'
            elif i == 1 or i == 3:
                if j % 2 == 0:
                    op += '*'
                else:
                    op += ' '
            elif i == 2:
                if j == 0 or j == 1:
                    op += '*'
            op += '\n'
    print(op)
if __name__ == '__main__':
    main()
```

2

```
def checkAllLetters(s):
    alpha = []
    for l in s:
        if l not in alpha and l.isalpha():
            alpha.append(l)
    if len(alpha) == 26:
        return True
    else:
        return False

def main():
    inp_str = input('Enter the string:')
    if checkAllLetters(inp_str):
        print('The given string {0} contains all letters in english'.format(inp_str))
    else:
        print('The given string {0} does not contain all letters in english'.format(inp_str))

if __name__ == '__main__':
    main()
```

3

```
def main():
    for i in range(1500, 2701):
        if i % 7 == 0 and i % 5 == 0:
            print(i)

if __name__ == '__main__':
    main()
```