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Assignment 2

Task no: 1

```
def fun(n, b):  
    if b == True:  
        for i in range(1, n):  
            if n % i == 0:  
                if i % 2 == 0:  
                    print(i)  
    elif b == False:  
        for i in range(1, n):  
            if n % i == 0:  
                if i % 2 != 0:  
                    print(i)
```


Task no: 2

Print out

```
def square_root():  
    n = 0  
    odd = 1  
    while (n < 25):  
        print("square root of", odd, "is", odd**0.5)  
        n = n + 1  
        odd += 2  
  
    return
```

Task no: 3

```
num = int(input("Enter a number:"))
```

```
def fun(n):
```

```
    Sum = 0
```

```
    let = n
```

```
    while (n > 0):
```

```
        digit = n % 10
```

```
        sum += digit ** 3
```

```
        n = n // 10
```

```
    if sum == let:
```

```
        return True
```

```
    else:
```

```
        return False
```

```
if fun(num):
```

```
    print("number is Armstrong")
```

```
else:
```

```
    print("number is not Armstrong")
```


Task no: 4

```
def table(no_table, range_table):  
    print("No of table", no_table, "in range of table",  
          range_table)  
    for i in range(1, no_table + 1):  
        for j in range(1, range_table + 1):  
            print(i, "x", j, "=", i * j)  
  
    print("\n")
```