

```
print("Clock Angle Problem")
def findAngle(hh, mm):

    hh = hh % 12

    h = (hh * 360) // 12 + (mm * 360) // (12 * 60)

    m = (mm * 360) // (60)

    angle = abs(h - m)

    if angle > 180:
        angle = 360 - angle

    return angle

if __name__ == '__main__':

    hh = int(input("hh: "))
    mm = int(input("mm: "))

    print("angle:", findAngle(hh, mm))
```

Python 3.10.6 (tags/v3.10.6:9c7b4bd, Aug 1 2022, 21:53:49) [MSC v.1932 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

```
= RESTART: C:\Users\vishal  
pandey\AppData\Local\Programs\Python\Python310\subtraction.py  
Clock Angle Problem  
hh: 21  
mm: 30  
angle: 105
```

```
= RESTART: C:\Users\vishal  
pandey\AppData\Local\Programs\Python\Python310\subtraction.py  
Clock Angle Problem  
hh: 12  
mm: 56  
angle: 52
```

```
= RESTART: C:\Users\vishal  
pandey\AppData\Local\Programs\Python\Python310\subtraction.py  
Clock Angle Problem  
hh: 15  
mm: 00  
angle: 90
```

```
= RESTART: C:\Users\vishal  
pandey\AppData\Local\Programs\Python\Python310\subtraction.py  
Clock Angle Problem  
hh: 24  
mm: 00  
angle: 0
```