PYTHON PROJECT

Project 18:

INPUT:

```python
h=int(input("Enter a hour in 24-format:"))
m=int(input("Enter a minutes:"))
if h>=12:
    h=h-12
x=(h+(m/60))*30
y=m*6
angle=abs(x-y)
s_angle=min(angle,360-angle)
print("smallest angle between hours hand min hand in clock:",s_angle)
```

OUTPUT:

Enter a hour in 24-format:05

Enter a minutes:30

smallest angle between hours hand min hand in clock: 15.0

Enter a hour in 24-format:21

Enter a minutes:00

smallest angle between hours hand min hand in clock: 90.0

Enter a hour in 24-format:12

Enter a minutes:00

smallest angle between hours hand min hand in clock: 0.0