

```
person_in_house = True
connected = True
```

```
class Happy_Winter():
```

```
    def __init__(connected, not_connected):
        self.connected = connected
        self.not_connected = not_connected
    while connected == True:
        print("heating system connected!")
    else:
        print("heating system is not connected.")
```

```
    def on_off_mechanism(winter_mode, summer_mode):
        self.winter_mode = winter_mode
        self.summer_mode = summer_mode
    if winter_mode == True:
        print("str(winter_mode) + str("activated")")
    elif winter_mode != True:
        print("winter mode not activated")
```

```
    def happy_winter_temp(temp_list):
        temp_list = [60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80]
        if connected == True:
            print( str(temp_list[6]) + " degrees!")
        else:
            print("What temperature would you like to set?")
```