

```
import math
radius = float(input("enter the radius of the circle:"))
area = math.pi * (radius ** 2)
print(f"the area of the circle with radius {radius} is {area:.2f}")

    enter the radius of the circle:1.1
    the area of the circle with radius 1.1 is 3.80

file_name = input("enter a file name:")
parts = file_name.split(".")
if len(parts) > 1:
    extension = parts[-1]
    if extension == "py":
        extension = "python"
    print(f"the file extension is: {extension}")
else:
    print("the file does not have an extension or an invalid file name format.")

    enter a file name:abc.py
    the file extension is: python
```

[Colab paid products](#) - [Cancel contracts here](#)

✓ 8s completed at 00:26

