Programming Competition 2026
Create a new Python Project in PyCharm
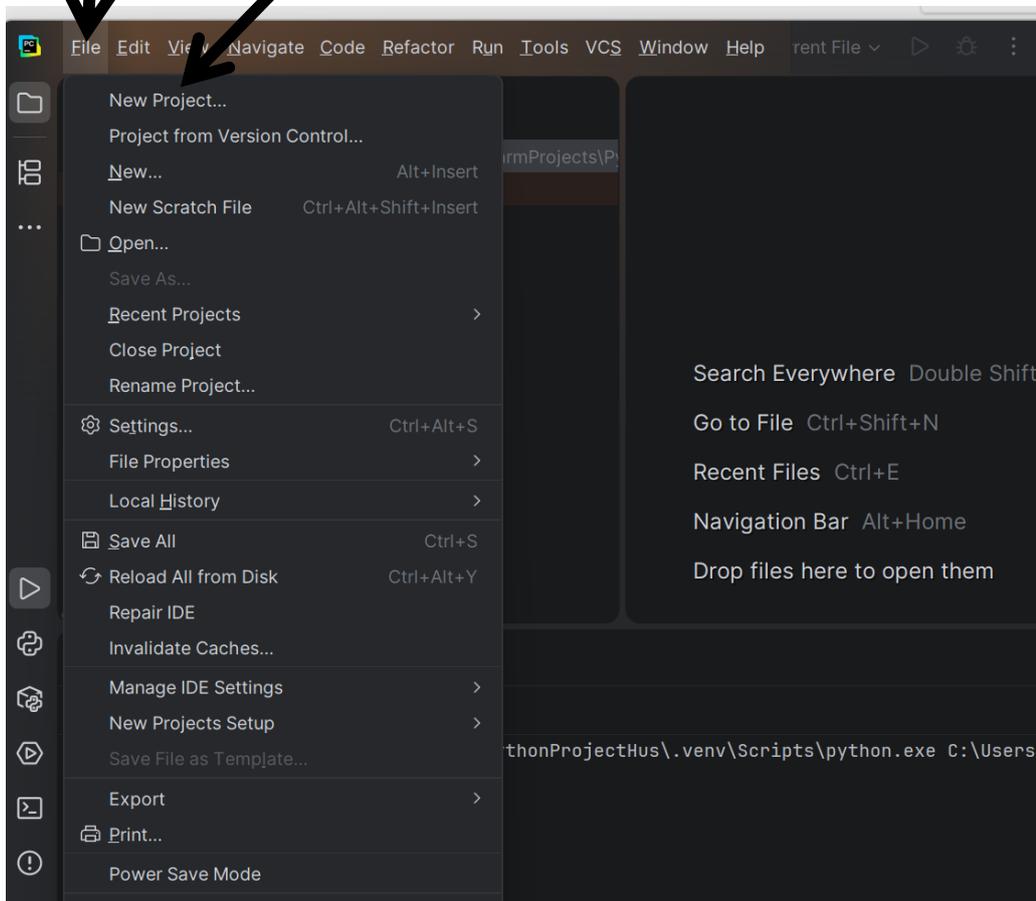
Step 1 Locate PyCharm

PyCharm is an Integrated Development Environment (IDE) that lets you write java code (program) and   run and test your code. Follow the following steps PyCharm.

1) Go to Desktop, click folder HS Java Competition

2) Choose Anaconda

3) Select icon PyCharm Community

4) Click Launch
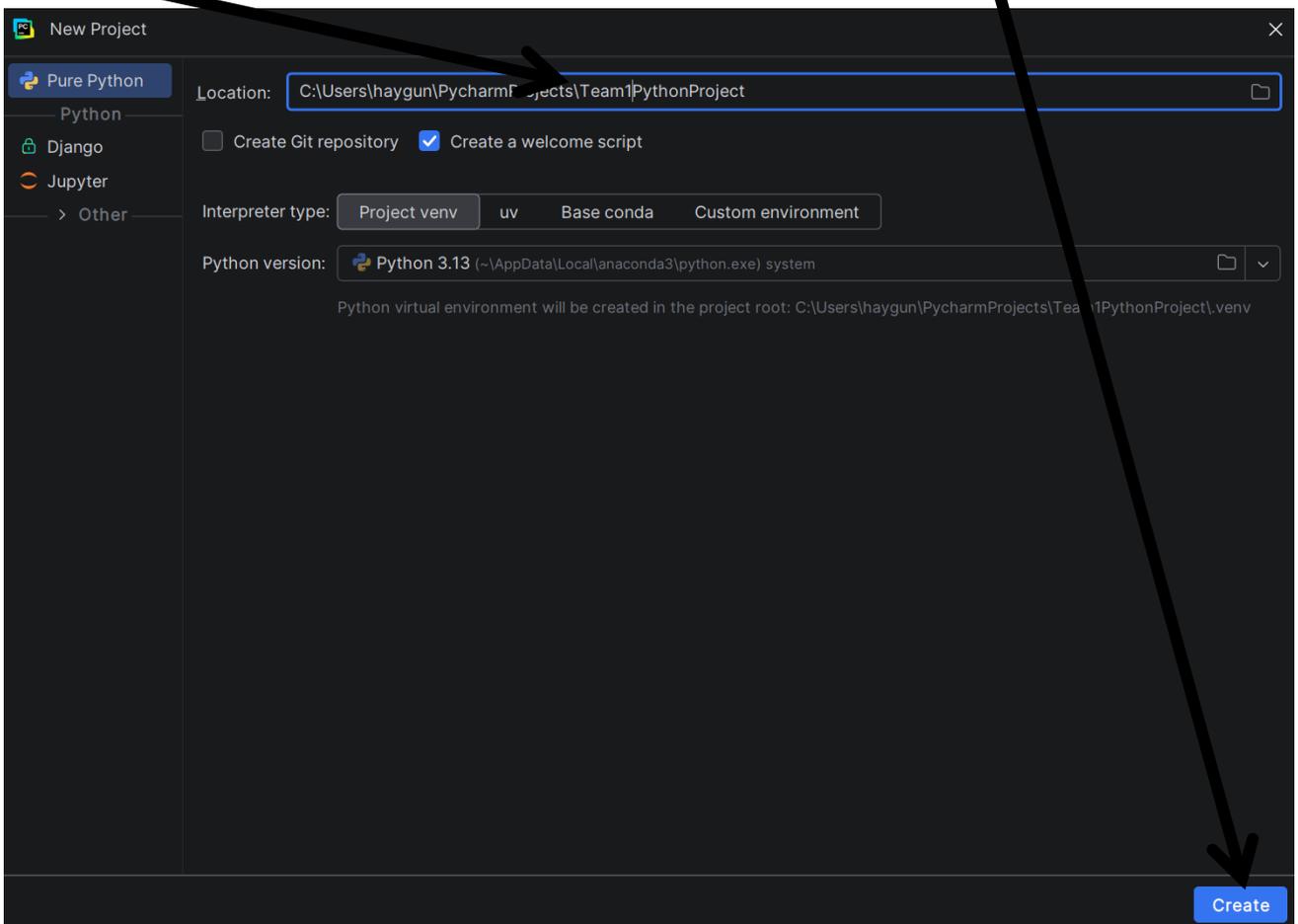
Step 2 – Create a new Python Project

To create a new Python Project, follow these steps:
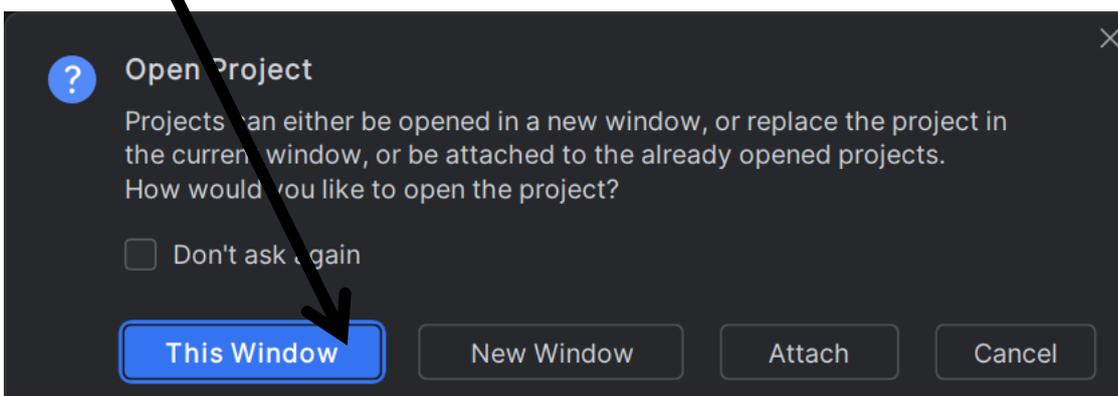
1) Click File Menu

2) Click on New Project
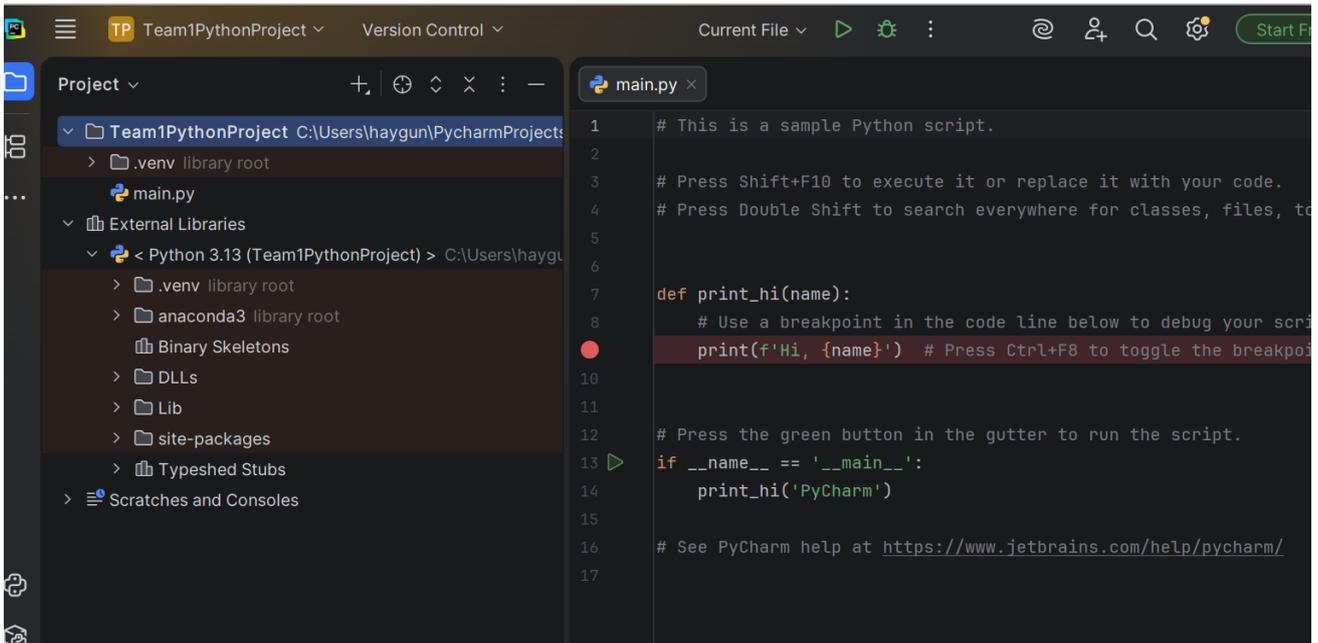
2) The following window will open:

Give a name to your project in the highlighted text field. Name your project as "Team1PythonProject" and leave the rest of the fields as default and click **Create**.
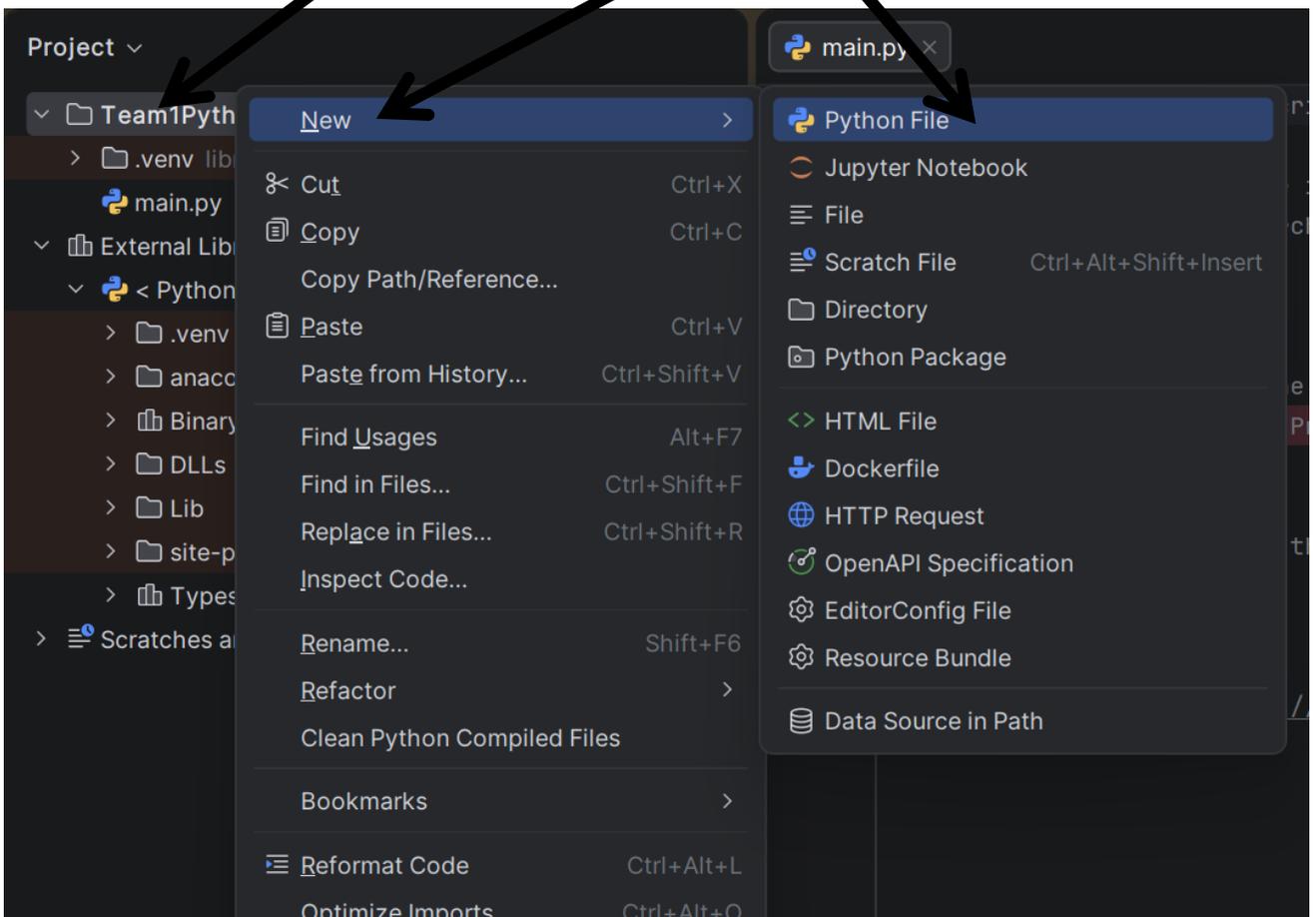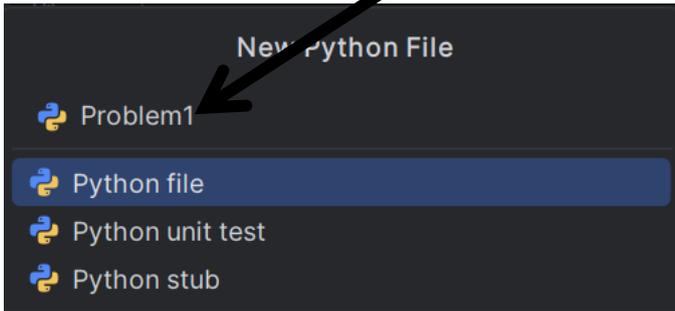

Click This Window button.

You will see the following structure created in your project.
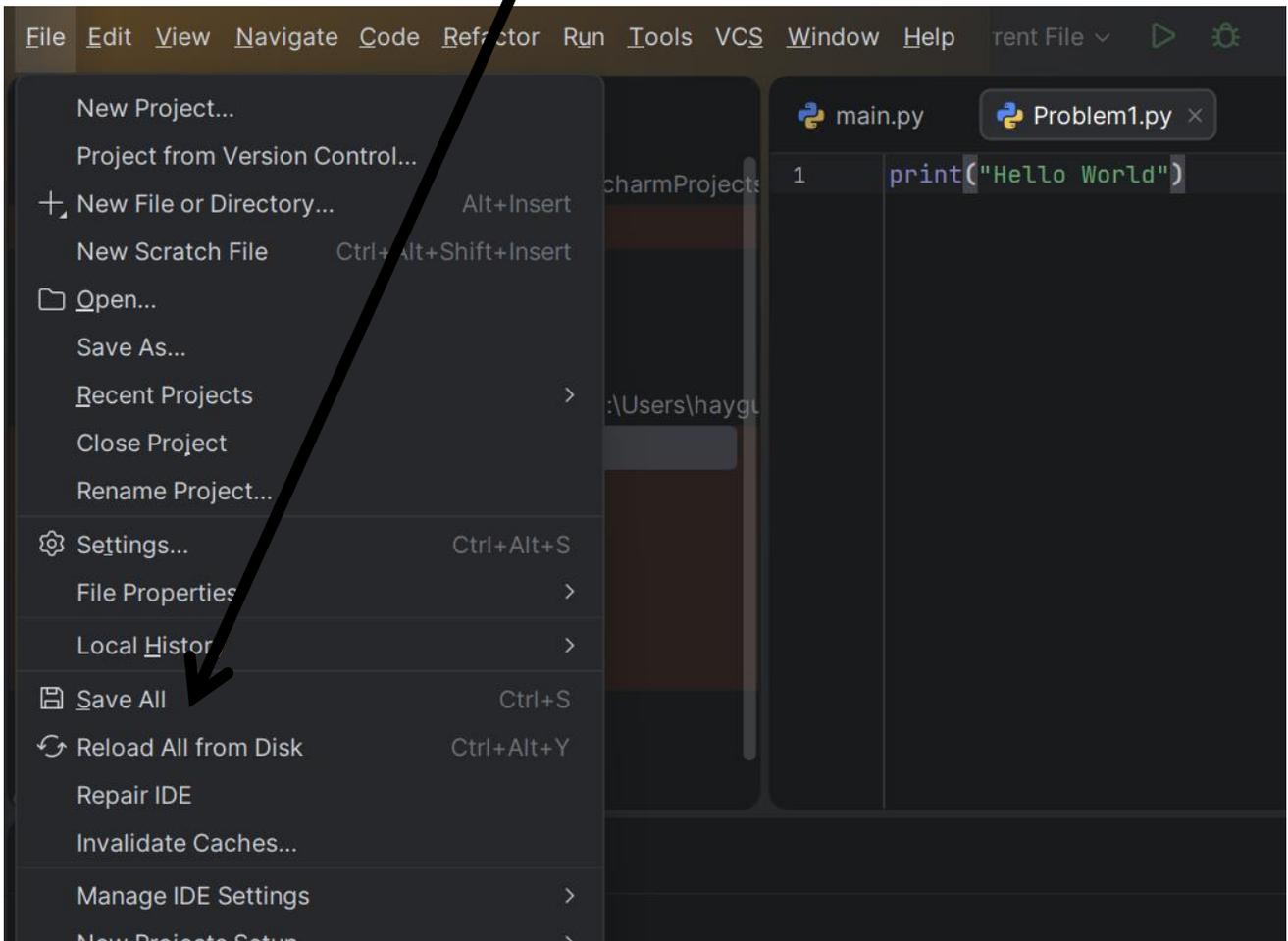

3) Right click on the Team1Project, then select New -> Python File

.

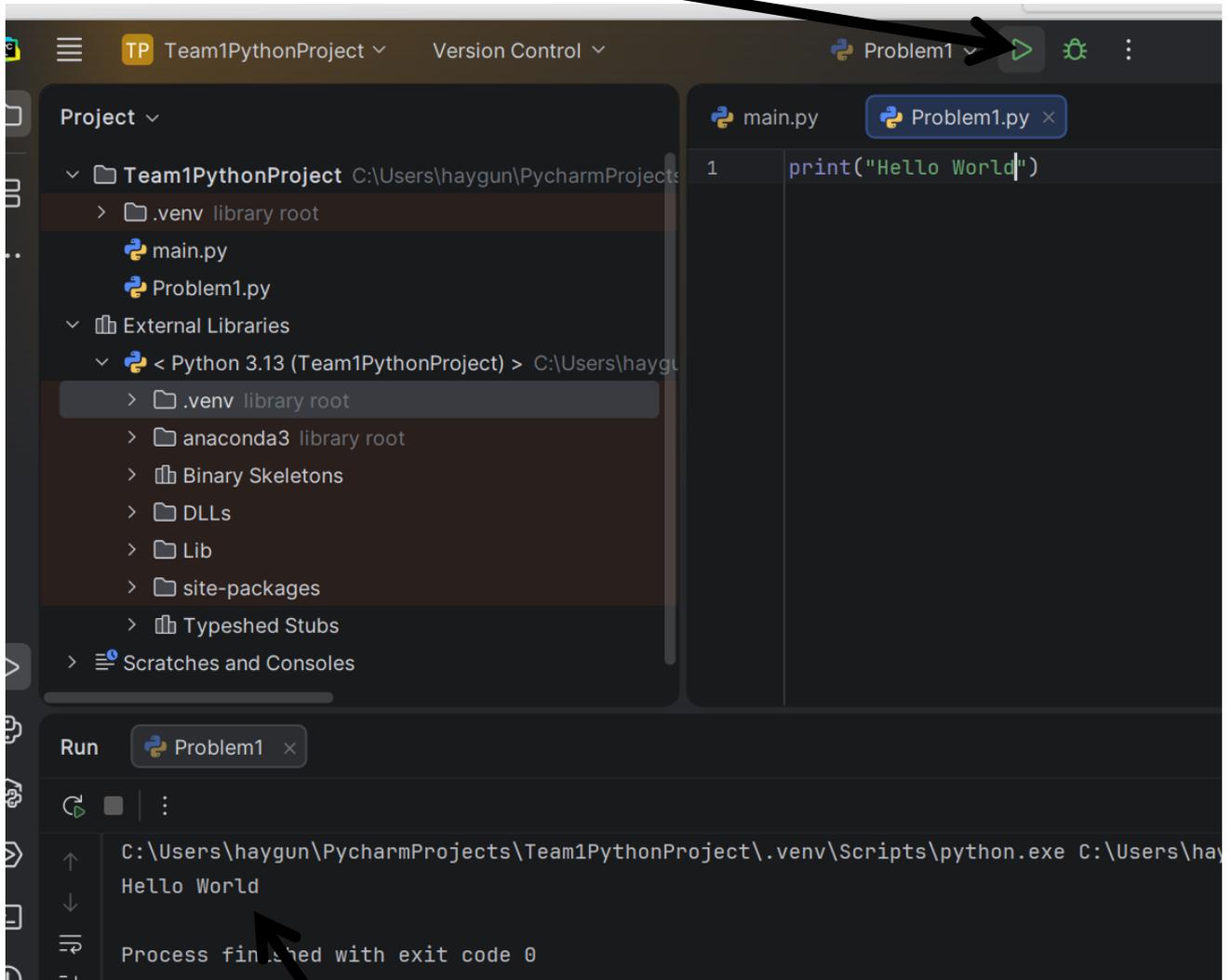Type the name of the program as **Problem1** as follows (keep Python file selected) and hit Enter.

3) Type your program and click Save All.

4) Run your Program:

Use either of the following ways to run your code:

- Right-click the editor and select Run Problem1.py
- Press CTRL+SHIFT+F10
- Click Run icon above the editor

You can see your output

Read From a File

To read from a file, you need put your text file in current working directory.

Steps to Read Text File in Python

In Python, to read a text file, you need to follow the below steps.
Step 1: The file needs to be opened for reading using the `open()` method and pass a file path to the function.

Step 2: The next step is to read the file, and this can be achieved using several built-in methods such as `read()`, `readline()`, `readlines()`.

Step 3: Once the read operation is performed, the text file must be closed using the `close()` function.

Example:

Copy and paste this code to a main.py file

```python
# Press the green button in the gutter to run the script.
if __name__ == '__main__':
    print_hi('PyCharm')


    # Program to read single line in a file using readline() function
    file = open("python.txt", "r")
    content = file.readline()
    print(content)
    file.close()
```

Create a text file python.txt:

Right click on the Team1Project, then select New -> File -> python.txt

Write a text:

```
Hello MC Python Competition!
```

Run your main.py program