

- 1) Create a function with default parameter "file" storing the file path
- 2) Open the "file" in append mode
- 3) Use writelines() method to add your roll number, name, and class
- 4) Use readlines() method to print your data in the prompt

Note: Use try...except block with suitable exception class

Ans:- Here's an example of a function that fulfills the requirements you mentioned:-

```
def append_to_file(roll_number, name, class_name, file="data.txt"):
    try:
        with open(file, "a") as f:
            data = [roll_number, name, class_name]
            f.writelines(data)
            print("Data added successfully.")

        with open(file, "r") as f:
            file_content = f.readlines()
            print("File content:")
            for line in file_content:
                print(line.strip())
    except IOError as e:
        print(f"An error occurred while accessing the file: {e}")
```

In the above code:-

1. The **append\_to\_file** function takes three parameters: **roll\_number**, **name**, and **class\_name**. The **file** parameter is optional and has a default value of "data.txt", but you can specify a different file if needed.
2. It uses a try-except block to handle any potential IOError that may occur while accessing the file.
3. Inside the **with open(file, "a") as f** block, the file is opened in append mode ("a"), and the data (roll number, name, and class) is written using the **writelines()** method.
4. After adding the data, the file is opened again, but this time in read mode ("r"), and the content is printed using a loop and the **readlines()** method.

You can call the function like this:-

```
append_to_file("12345", "Ram", "12th Grade")
```