

The screenshot shows the Visual Studio Code interface with a file named `helo-1.py` open. The code in the editor is as follows:

```
1 khurram="student of comsats university"
2 print(khurram)
3 message="hello ahmad"
4 print(message)
```

The `PROBLEMS` panel at the bottom displays the following error:

```
File "c:\Users\Dell\Desktop\helo-1.py", line 3, in <module>
  message("hello ahmad")
NameError: name 'message' is not defined
```

The `TERMINAL` panel shows the command prompt output:

```
PS C:\Users\Dell\Desktop\python.main> & C:/Users/Dell/AppData/Local/Programs/Python/Python311/python.exe c:/Users/Dell/Desktop/helo-1.py
student of comsats university
hello ahmad
PS C:\Users\Dell\Desktop\python.main> & C:/Users/Dell/AppData/Local/Programs/Python/Python311/python.exe c:/Users/Dell/Desktop/helo-1.py
student of comsats university
hello ahmad
PS C:\Users\Dell\Desktop\python.main>
```

The screenshot shows the Visual Studio Code interface with the same file `helo-1.py` open. The code in the editor has been corrected to:

```
1 khurram="student of comsats university"
2 print(khurram)
3 khurram="hello ahmad"
4 print(khurram)
```

The `PROBLEMS` panel is now empty, indicating that the error has been resolved. The `TERMINAL` panel shows the command prompt output after running the corrected script:

```
PS C:\Users\Dell\Desktop\python.main> & C:/Users/Dell/AppData/Local/Programs/Python/Python311/python.exe c:/Users/Dell/Desktop/helo-1.py
student of comsats university
hello ahmad
PS C:\Users\Dell\Desktop\python.main>
```

The screenshot shows the Visual Studio Code interface with a file named `helo-1.py` open. The Explorer sidebar on the left shows the file structure. The main editor area contains the following Python code:

```
C:\Users\> Dell\Desktop > helo-1.py > ...
1  name="ada lovelace"
2  print(name.title())
```

The bottom panel shows the TERMINAL output, which displays the execution of the script using the Python interpreter:

```
PS C:\Users\Dell\Desktop\python.main> & C:/Users/Dell/AppData/Local/Programs/Python/Python311/python.exe c:/Users/Dell/Desktop/helo-1.py
ada lovelace
PS C:\Users\Dell\Desktop\python.main> & C:/Users/Dell/AppData/Local/Programs/Python/Python311/python.exe c:/Users/Dell/Desktop/helo-1.py
Ada Lovelace
PS C:\Users\Dell\Desktop\python.main>
```

The screenshot shows the Visual Studio Code interface with a file named `helo-1.py` open. The Explorer sidebar on the left shows the file structure. The main editor area contains the following Python code:

```
C:\Users\> Dell\Desktop > helo-1.py
1  print("languages are:\n\tpython\n\tc\n\tjava")
```

The bottom panel shows the TERMINAL output, which displays the execution of the script using the Python interpreter:

```
PS C:\Users\Dell\Desktop\python.main> & C:/Users/Dell/AppData/Local/Programs/Python/Python311/python.exe c:/Users/Dell/Desktop/helo-1.py
languages are:
python
c
java
PS C:\Users\Dell\Desktop\python.main>
```

