

The screenshot displays the PyCharm IDE interface. The main editor window shows a Python file named `main.py` with the following code:

```
1  #Roll No:4225
2  #Problem 5.1
3  qty = int(input('Enter Quantity of Value ='))
4  price = float(input('Enter Price of Value = '))
5  if qty>1000:
6      dis=10
7  else:
8      dis=0
9  totexp=qty*price-qty*price*dis/100
10 print('Total Expenses is = '+str(totexp))
```

The Run tool window at the bottom shows the execution of the script. The command executed is `C:\Users\Admin\PycharmProjects\pythonProject\venv\Scripts\python.exe C:/Users/Admin/PycharmProjects/pythonProject/main.py`. The output shows the user entering 1200 for the quantity and 15.50 for the price, resulting in a total expense of 16740.0. The process finished with exit code 0.

Run: main x

```
C:\Users\Admin\PycharmProjects\pythonProject\venv\Scripts\python.exe C:/Users/Admin/PycharmProjects/pythonProject/main.py
Enter Quantity of Value =1200
Enter Price of Value = 15.50
Total Expenses is = 16740.0

Process finished with exit code 0
```

The bottom status bar indicates the file encoding is UTF-8, the line ending is CRLF, and the Python interpreter is Python 3.9 (pythonProject).

```
File Edit View Navigate Code Refactor Run Tools VCS Window Help pythonProject - main.py  
pythonProject main.py  
main.py  
1 #Roll No:4225  
2 #Problem. 5.2  
3  
4 bs=int(input('enter value of bs:'))  
5 if bs>1000:  
6     hra=bs * 15/100  
7     da=bs * 95/100  
8     ca=bs * 10/100  
9 else:  
10     hra=bs * 10/100  
11     da=bs * 95/100  
12     ca=bs * 10/100  
13 gs=bs+da+hra+ca  
14 print('gross salary=rs.'+str(gs))  
  
Run main ×  
C:\Users\Admin\PycharmProjects\pythonProject\venv\Scripts\python.exe C:/Users/Admin/PycharmProjects/pythonProject/main.py  
enter value of bs:5  
gross salary=rs.10.75  
  
Process finished with exit code 0  
  
Run TODO Problems Terminal Python Packages Python Console  
2:1 CRLF UTF-8 2 spaces Python 3.9 (pythonProject) Event Log  
9:57 PM 12/1/2021
```





