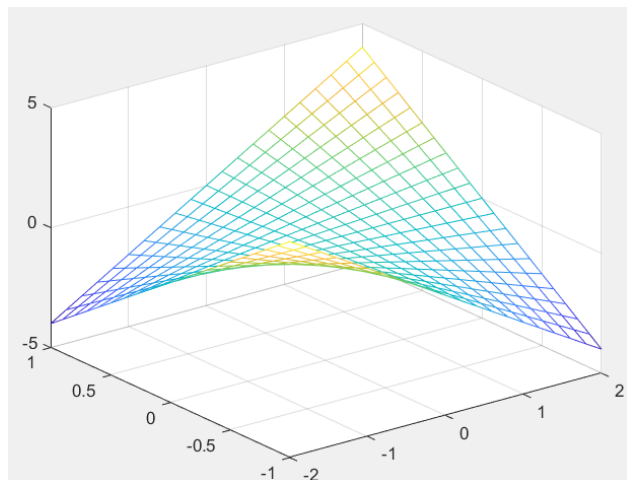


1. See Fig.1

2.

```
Y =  
    27.5327  
SSE: 0.099206  
R-squared: 0.9976
```

3.



4.

```
scores =  
    85    80    92    78  
    80    85    90    88  
    88    82    90    80  
    80    70    92    86  
  
avg =  
    83.0500    85.6500    84.5000    81.7000
```

5.

```
Mean of mid-term scores: 82.25  
Standard deviation of mid-term scores: 6.37  
Mean of final scores: 83.61  
Standard deviation of final scores: 7.02
```

