```
In [1]: import numpy as np
        import pandas as pd
```

```
In [2]: data=pd.read_csv("/home/placement/Downloads/movies.csv")
```

```
In [3]: data.describe()
```

Out[3]:

	srno	year	rating	time
count	49590.000000	49590.000000	10814.000000	45836.000000
mean	24795.500000	2002.303428	3.451248	2628.445436
std	14315.544261	12.534555	0.495601	1604.646265
min	1.000000	1913.000000	1.400000	52.000000
25%	12398.250000	1999.000000	3.100000	1356.000000
50%	24795.500000	2007.000000	3.500000	2563.000000
75%	37192.750000	2010.000000	3.800000	2877.000000
max	49590.000000	2014.000000	4.500000	28813.000000

```
In [4]: datat=data.sort_values("time")
```

In [6]: `datat.head(50)`

Out[6]:

	srno	movie	year	rating	time
40150	40151	Trailer: Pain	2012	3.6	52.0
41081	41082	Trailer: Get to Work	2012	3.3	55.0
41082	41083	Trailer: Give and Take	2012	3.3	66.0
43166	43167	Trailer: Emperor	2013	3.1	67.0
43330	43331	Trailer: Blood Angel	2013	4.2	69.0
40149	40150	Trailer: Lift the Veil	2012	3.6	69.0
40789	40790	Trailer: Gray Area	2012	3.7	70.0
40154	40155	Trailer: Cleave	2012	3.5	71.0
43168	43169	Trailer: Masks	2013	4.2	73.0
45745	45746	Trailer: Strip Search	2013	3.6	73.0
43167	43168	Trailer: Gypsy	2013	3.1	74.0
43331	43332	Trailer: Grisly	2013	3.1	76.0
43171	43172	Trailer: Suspects	2013	3.1	76.0
49395	49396	Turbo FAST (Trailer)	2013	4.0	77.0
45748	45749	Trailer: Ice Cream	2013	3.7	85.0
43170	43171	Trailer 2: Hemlock Grove	2013	3.1	89.0
45746	45747	Trailer: Broken Down	2013	3.9	95.0
45749	45750	Derek (Trailer)	2013	4.1	96.0
44097	44098	Arrested Development (Trailer)	2013	4.5	97.0
49315	49316	Aziz Ansari: Buried Alive (Trailer)	2013	4.1	105.0
49503	49504	Lilyhammer: Season 2 (Trailer)	2013	4.5	106.0
44405	44406	Trailer: Hemlock Grove	2013	3.9	113.0
33362	33363	TEDTalks: TransporTED: Yves Behar's Supercharg...	2009	NaN	136.0
49558	49559	Mitt (Trailer)	2013	3.0	138.0

	srno	movie	year	rating	time
40152	40153	Trailer: House of Cards	2012	3.7	148.0
49560	49561	The Square (Trailer)	2014	3.6	154.0
49570	49571	The Short Game (Trailer)	2013	4.1	156.0
34357	34358	TEDTalks: Inexplicable Connections: Derek Sive...	2010	NaN	157.0
45747	45748	Trailer: Orange Is the New Black	2013	3.6	161.0
33928	33929	TEDTalks: Building Wonder: Mitchell Joachim: D...	2010	NaN	172.0
44129	44130	TEDTalks: Life Hack: Terry Moore: How to Tie Y...	2012	NaN	174.0
34307	34308	TEDTalks: Knowledge Is Power: Arthur Benjamin'...	2009	NaN	177.0
33304	33305	TEDTalks: Music Revolution: Qi Zhang's Electri...	2009	NaN	183.0
34441	34442	TEDTalks: Global Villages: Stewart Brand: Squa...	2007	NaN	184.0
44130	44131	TEDTalks: Life Hack: Derek Sivers: How to Star...	2012	NaN	185.0
34460	34461	TEDTalks: Brave Neuro World: Dean Ornish Says ...	2008	NaN	189.0
33364	33365	TEDTalks: For Kids: Rives Tells a Story of Mix...	2008	NaN	190.0
49555	49556	Lilyhammer: Season 1 (Recap)	2013	4.2	194.0
33970	33971	TEDTalks: Defying Disease: Dean Ornish on the ...	2006	NaN	197.0
33316	33317	TEDTalks: Space Trek: Carolyn Porco: Could a S...	2009	NaN	202.0
34489	34490	TEDTalks: Rad Invention: Brian Cox: What Went ...	2009	NaN	208.0
33368	33369	TEDTalks: For Kids: Kenichi Ebina's Magic Moves	2007	NaN	211.0
40849	40850	TEDTalks: Rad Invention: Sonaar Luthra: Meet t...	2012	NaN	213.0
34463	34464	TEDTalks: Brave Neuro World: Gregory Petsko on...	2008	NaN	225.0
33922	33923	TEDTalks: Crime & Punishment: Damon Horowi...	2011	NaN	226.0
38857	38858	Trailer (Extended): House of Cards	2012	4.4	234.0
33298	33299	TEDTalks: Music Revolution: Naturally 7 Beatbo...	2009	NaN	235.0
33983	33984	TEDTalks: Chew On This: Graham Hill: Why I'm a...	2010	NaN	240.0
33308	33309	TEDTalks: Space Trek: Peter Diamandis on Steph...	2008	NaN	240.0
33941	33942	TEDTalks: Building Wonder: Kamal Meattle on Ho...	2009	NaN	242.0

In [10]:
```
pip install pymysql
```

```
Collecting pymysql
  Downloading PyMySQL-1.0.3-py3-none-any.whl (43 kB)
                                          43.7/43.7 kB 430.3 kB/s eta 0:00:00MB/s eta 0:00:01
Installing collected packages: pymysql
Successfully installed pymysql-1.0.3
Note: you may need to restart the kernel to use updated packages.
```

In [11]:
```python
import pymysql
```

In [12]:
```python
pymysql.connect
```

Out[12]:
```
pymysql.connections.Connection
```

In [21]:
```python
x=pymysql.connect(host='localhost',user='root',password='Password@123',database='project1')
cr=x.cursor()
```

In [ ]:

In [ ]:
```python
#cr.execute(create table soldier2(id int(3)name varchar(150),age int(15)))
cr.execute('insert into soldier(id,name,age) values(1,"tarun",20)')
```