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```
import pandas as pd

df = pd.read_csv('C:\Users\student\Videos\New folder\stud2.csv')

male_students_with_course_completion = df[(df['gender'] == 'male') &
                                            (df['test preparation course']
                                             == 'completed')].shape[0]
print("Number of male students who completed the test preparation
course:", male_students_with_course_completion)

students_with_reading_score_greater_than_60 = df[df['reading score'] >
60].shape[0]
print("Number of students with a reading score greater than 60:",
      students_with_reading_score_greater_than_60)

female_students_with_writing_score_greater_than_60 = df[(df['gender'] ==
'female') &
                                                         (df['writing
score'] > 60)].shape[0]
print("Number of female students with a writing score greater than 60:",
female_students_with_writing_score_greater_than_60)

male_students_with_reading_score_less_than_60 = df[(df['gender'] ==
'male') &
                                                    (df['reading score'] <
60)].shape[0]
print("Number of male students with a reading score less than 60:",
```

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male_students_with_reading_score_less_than_60)
```

```
candidates_with_associates_degree = df[df['parental level of education']  
== "associate's degree"].shape[0]  
print("Number of candidates with associate's degree as parental level of  
education:",  
      candidates_with_associates_degree)
```