**Question 2:**

**Visualization1**:(Bar Graph) Using this visualization we can see the math, reading and writing score comparisions for different groups

**Analysis:**

* Group E Students has the highest scores of all the groups

A chart of different colored lines

Description automatically generated with medium confidence

**Visualization 2:(Horizontal bar graph)** Here we are comparing the scores between male and female students.

**Analysis:**

Male students have scored highest in math whereas in reading and writing female students scored the highest.

A graph with different colored bars

Description automatically generated with medium confidence

**Visualization 3:**(Count Plot)

**Analysis:** The data contains almost same number of males and females

A blue and orange rectangular bars

Description automatically generated

**Visualization 4: (**Pie Chart) We are checking how many students have completed the test course.

**Analysis:** We can see that the number of students who have not taken the test preparation course is greater that means Student Performance is not much related to test preparation course

**A blue and orange pie chart

Description automatically generated**

**Visualization 5:** (Line Graph) Here we are comparing different scores based on parent level of education.

**Analysis:** We can analyze that the scores of students whose parent’s level of education is bachelor's degree or master’s degree is highest.

A graph of a graph of a degree

Description automatically generated with medium confidence