For this project, I heavily relied on the provided supporting code package. I took the existing code, which was in c, and translated everything I needed into C++. I did the bare minimum and only included functions that will perform the requirements as instructed in the PDF. I have provided a copy of the terminal output below.

Traverse LLRBT
441   Black
1362   Black
1491   Black
1548   Black
1565   Black
1587   Red
1624   Red
1982   Black
2081   Black
2093   Black

Traverse LLRBT after removal of 4th random variable inserted
441   Red
1491   Black
1548   Black
1565   Black
1587   Black
1624   Red
1982   Black
2081   Black
2093   Black

The ouputs are the values that were randomly generated and sorted in to post order. Beside the values are the colors of the nodes.