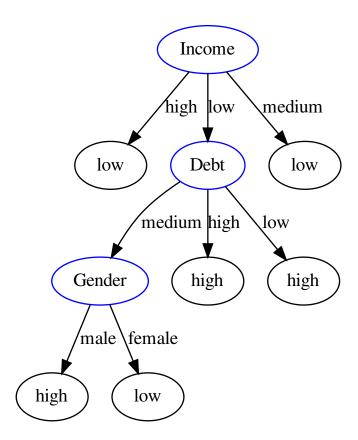
Homework 1 Part 2: Visualizing and applying a decision tree

1) Visualization of the Decision Tree Using Graphviz



2) Prediction of Two Instances

<u>**Tom:**</u> Debt = low, Income = low, Married = no, Owns Property = yes, Gender = Male Prediction: **High Risk**

<u>Ana:</u> Debt = low, Income = medium, Married = yes, Owns Property = yes, Gender = Female Prediction: **Low Risk**

If Sofia's credit risk were labeled high, the resulting decision tree would not factor Debt or Gender.