The following instructions on Decision Tree apply to Windows users. If you are a Mac user and do not have any access to a Windows PC, you may try one of the options below (please note that the first two options would incur additional costs):

1. Install Excel and third party add-in in Mac such as <http://treeplan.com/trial/> ;
2. Install Parallels software (<http://www.parallels.com/> ) to create a Windows virtual desktop in Mac;
3. Create the decision tree manually (many students have chosen this option in the past with no loss of points and you may contact your professor for assistance).

What is a Decision Tree? How does it work? How do I create one?

Read [Introduction to Decision Trees](https://tlc.trident.edu/content/enforced/88075-BUS520-OCT2016FT-2/Introduction%20to%20Decision%20Trees_Module%203%20Background_BUS520.docx?_&d2lSessionVal=iMqhRN97k6BozlRCpBXvXit38&ou=88075) (attached)

Download the Excel Add-in called [SimpleDecisionTree\_V1.4.xla](https://tlc.trident.edu/content/enforced/88075-BUS520-OCT2016FT-2/Modules/Module3/Fall%202014%20files/SimpleDecisionTree_V1.4.xla?_&d2lSessionVal=iMqhRN97k6BozlRCpBXvXit38&ou=88075) (attached) and add it into your Excel.

Watch this video showing how to include an Add-in: [*http://permalink.fliqz.com/aspx/permalink.aspx?at=62469fea72a2420dae1ea19682bb9372&a=5fae3cf0f1624f39b0341263a6541ea0*](http://permalink.fliqz.com/aspx/permalink.aspx?at=62469fea72a2420dae1ea19682bb9372&a=5fae3cf0f1624f39b0341263a6541ea0)

Watch this video showing how to use the Simple Decision Tree tool: [*http://permalink.fliqz.com/aspx/permalink.aspx?at=38aa3b81400343c9bc2b78461f884789&a=5fae3cf0f1624f39b0341263a6541ea0*](http://permalink.fliqz.com/aspx/permalink.aspx?at=38aa3b81400343c9bc2b78461f884789&a=5fae3cf0f1624f39b0341263a6541ea0)

Practice creating a decision tree by using this example problem:

You have a choice of which game to play: flipping a coin or rolling a single die. It costs you $10 to play the game. If you choose the coin flip, you will win $15 for a heads, but will win only $3 for a tails. If you choose the die roll, you will win 3 times the amount showing on the die. For example, a 4 pays $12 and a 6 pays $18, while a 1 pays only $3.

Once you have created your d-tree for this problem, download this Excel file to check it: [Decision Tree-Which Game to Play](https://tlc.trident.edu/content/enforced/88075-BUS520-OCT2016FT-2/Decision%20Tree-Which%20Game%20to%20Play_Module%203%20Background_BUS520.xlsx?_&d2lSessionVal=iMqhRN97k6BozlRCpBXvXit38&ou=88075) (attached)