**Rangelist=0,20,40,60,80,100,120**

**Enter Userchoice= “”**

**Start**

**Are credits in rangelist**

**Are credits in integers**

**Total Credits= pass\_credits+ defer\_credits + fail\_credits**

**Get Student Credits at pass\_credits, defer\_credits and fail\_credits**

**False**

**Display Histogram**

**While userchoice !=q**

**True**

**Enter ‘q’ to quit**

**Stop**

**Are fail\_credits>= 80**

**Are pass\_credits= 100**

**Are pass\_credits= 120**

**Are total\_credits<=120**

**False**

**Display “Integer Required”**

**True**

**False**

**Display “Range Error”**

**True**

**True**

**True**

**True**

**True**

**Display “Do not Progress-Module Retriever”**

**False**

**False**

**False**

**False-**

**Display “Total Incorrect”**

**Display “Progress-Module Trailer”**

**Display “Progress”**

**Display “Exclude”**