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Pseudo Codes

M4

```
function main() {
  var grade;


  window.alert("Hello, Kindly enter your score and I will convert it into the equivalent grade");
  grade = window.prompt('Enter a value for grade');
  if (grade < 69) {
    window.alert("Repeat, study a lot harder next time there is stil time to improve");
  } else {
    if (grade <= 74) {
      window.alert("1.0, you nearly passed so try harder next time");
    } else {
      if (grade <= 78) {
        window.alert("1.5, its okay but it could be better");
      } else {
        if (grade <= 82) {
          window.alert("2.0, youre in the middle not bad but not that good and its better than
nothing");
        } else {
          if (grade <= 86) {
            window.alert("2.5, youre slowly getting there! a little more push");
          } else {
            if (grade <= 90) {
              window.alert("3.0, so close! you can reach the top, keep doing what youre doing");
            } else {
```

```
                if (grade <= 94) {

                        window.alert("3.5, you barely got the 4 but its not the end of the world if you
cant achieve that still you did a great job");

                } else {

                    if (grade <= 100) {

                        window.alert("4.0!! Wow congrats on getting a perfect grade! all of your hard
work has been rewarded and you deserve it!");

                        } else {

                        }

                    }

                }

            }

        }

    }

}
```

```
function main() {

    var num1;

    var num2;

    var num3;


window.alert("this program will find which value is the least");

window.alert("Enter your first number");

num1 = window.prompt('Enter a value for num1');

window.alert("Enter your second number");

num2 = window.prompt('Enter a value for num2');

window.alert("now enter your last number");

num3 = window.prompt('Enter a value for num3');

if (num1 < num2) {

   if (num3 < num2) {

      window.alert(num3.toString() + "has the least value");

   } else {

      window.alert(num2.toString() + "has the least value");

   }

} else {

   if (num2 < num1) {

      window.alert(num2.toString() + "has the least value");

   } else {

      window.alert(num1.toString() + "has the least value");

   }

}
```

}