var qualificationDistance = 200;

var attempts = [120, 150, 160, 201, 203, 180, 202];

var qualified = false;

var averageBest = 0;

for (var currentIndex=0; currentIndex<attempts.length-1; currentIndex++){

var minValue=attempts[currentIndex];

for (var j=currentIndex+1; j<attempts.length; j++){

if (attempts[j]<minValue) {

attempts[j]=minValue;

var swap=attempts[currentIndex];

attempts[currentIndex]=minValue;

attempts[j]=swap;

}

}

}

for (var i=attempts.length-3; i<attempts.length; i++){

averageBest+=attempts[i];

}

averageBest/=3;

if (averageBest > qualificationDistance) {

qualified=true

}

else {qualified=false}