

```
myContinue=0;
while myContinue~=1
    rge=input('Enter a range enclosed in brackets: ');
    x=input('How many random decimals? ');
    A=rge(1)+abs(rge(1)-rge(2))*rand(x,1);
    sumA=sum(A);
    sumSortA=sum(sort(A));
    diff=abs(sumA-sumSortA);
    sprintf('The sum of unsorted decimals = %d',sumA)
    sprintf('The sum of sorted decimals = %d',sumSortA)
    sprintf('The difference in sums = %d',diff)
    myContinue=input('Again? [0=yes/1=no]: ');
end
```