Generating an array of random numbers and finding mean, variance, and standard deviation

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This document is about how to convert the base 10 to base 4.

Figure 1: This figure shows the old computer.

PRIME NUMBER CLASSIFIER

```
ans=""
#this is static: c doesn't change
c=213
#this is dynamic: a will change
a=213
#this is base
b=4
#this is the exponent: e will change
e=0

while b**e<c:
x=a%(b**(e+1))
y=x/(b**e)
ans=str(y)+ans
a=a-x
e=e+1

print ans
```

This code is pretty precise.This mod is used for finding the last digit of the number which is 4. a needs to be subtracted by x for the next step getting 16 digit. Then repeat the previous steps with e added 1. 64 digit is also same steps. At the last, however, y which is the quotient of the last x divided b to the powerof e should be concatenated with ans which now get w111. This quotient becomes the w part.

```
answer is 3111
```

This indicates the output(result) of my program.

REFERENCES