which Format is Best Suited for Saving larger files?

```
me24mtech11020@edison3:~/hw1-designerSampath$ du -sh array-004000-bin.out
me24mtech11020@edison3:~/hw1-designerSampath$ vim q6.c
me24mtech11020@edison3:~/hw1-designerSampath$ gcc q6.c
me24mtech11020@edison3:~/hw1-designerSampath$ ./a.out
4000
contents written to the file name: array-004000-asc.out
me24mtech11020@edison3:~/hw1-designerSampath$ du -sh array-004000-asc.out
366M array-004000-asc.out
```

- For a Size of n=4000, 62MB is required to save the file in Binary format.

- For the same size, 366 MB is required to save the tile in ASCII Format.

Size of Assay in memory: -8x(4000) = 128000000 = 128MB.

Conclusion:

-Binary files are more Compact Since they do not require any parsion or conversion and takes up less space both in Disk and in memory.