

HW1

1. Calculate the increase of memory of PCs over the last 30 years and check whether the FMRI analysis could have been done 20 years ago.

Year	Byte
1970	262144
1971	262144
1972	262144
1973	262144
1974	262144
1975	262144
1976	262144
1977	262144
1978	262144
1979	262144
1980	262144
1981	262144
1982	262144
1988	2097152
1989	2097152
1990	2097152
1991	16777216
1992	16777216
1993	16777216
1994	16777216
1995	16777216
1996	268435456
1997	268435456
1998	1073741824
1999	1073741824
2000	1073741824
2004	4294967296
2009	8589934592
2014	17179869184

For 20 years ago, it's impossible for us to perform FMRI analysis as the memory of computer is not large enough for us to handle the huge amount of data.