

Q. Form a full track of cards, a card is drawn at random. What is the probability that it is a face card?

Soln:

Clubs	1	2	3	4	5	6	7	8	9	10	11	12	13
Spades	14	15	16	17	18	19	20	21	22	23	24	25	26
Hearts	27	28	29	30	31	32	33	34	35	36	37	38	39
Diamonds	40	41	42	43	44	45	46	47	48	49	50	51	52

$$[u \sim R(a, 1), [kv] + 1 \sim DV(a, 2, \dots, k)]$$

Program

```
# include <time.h>
int i, sum=0;
double s, m, p, u;
scanf("%d", &n);
for (i=1; i<=n; i++)
    sum += i;
# include <time.h>
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