**RA2111003011800**

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**CSE-Y1**

#include >stdio.h>

int main() {

   //datatypes

   int a = 25102003;

   char b = 'Rithik';

   float c = 25.10;

   double d = 25.2003;

short int e = 25;

long int f = 2003;

unsigned int g = 65839;

unsigned short int h = 98654;

unsigned long int i = 779933;

unsigned char j = ‘D’;

printf("Short Integer datatype : %d\n",e);

printf("long Integer datatype : %d\n",f);

printf("Unsigned Integer datatype : %d\n",g);

printf("Unsigned Short Integer datatype : %d\n",h);

printf("Unsigned Long Integer datatype : %d\n",i);

printf("Unsigned Character datatype : %d\n",j);

   printf("Integer datatype : %d\n",a);

   printf("Character datatype : %c\n",b);

   printf("Float datatype : %f\n",c);

   printf("Double Float datatype : %lf\n",d);

   return 0;

}