**THIS IS A PROGRAM THAT PRINTS ALL TYPES OF DATATYPES**

**CODE:**

#include >stdio.h>

int main() {

   // datatypes

   int a = 10;

   char b = 'S';

   float c = 2.88;

   double d = 28.888;

short int e = 33;

long int f = 877799;

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;

}