DSA 0136 OBJECT ORIENTED PROGRAMMING USING C++

18)Create a class to print various number of different datatypes by creating different functions with same printn having a parameter for each datatype.

using namespace std;

#include<iostream>

class printnumber

{

int a;

char b;

float c;

double d;

long int e;

bool f;

public:

void printn();

void printn(int);

void printn(char);

void printn(float);

void printn(double);

void printn(long int);

void printn(bool);

};

void printnumber::printn(int x)

{

a=x;

cout<<"a"<<a;

}

void printnumber::printn(char y)

{

b=y;

cout<<"\nb"<<b;

}

void printnumber::printn(float z)

{

c=z;

cout<<"\nc"<<c;

}

void printnumber::printn(double s)

{

d=s;

cout<<"\nd"<<d;

}

void printnumber::printn(long int t)

{

e=t;

cout<<"\ne"<<e;

}

void printnumber::printn(bool u)

{

f=u;

cout<<"\nf"<<f;

}

/\*void printnumber::printn()

{

cout<<"a"<<a;

cout<<"\nb"<<b;

cout<<"\nc"<<c;

cout<<"\nd"<<d;

cout<<"\ne"<<e;

cout<<"\nf"<<f;

}\*/

int main()

{

printnumber l;

l.printn(10);

l.printn('s');

l.printn(10.35);

l.printn(true);

return 0;

}

Output:

