18.create a class print number to print various numbers of different data types by creating different functions with same name printn having a parameter of each datatype.

Program:

using namespace std;

#include<iostream>

class printnumber

{

int a;

char b;

float c;

double d;

long int e;

bool f;

public:

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 k)

{

d=k;

cout<<"\nd="<<d;

}

void printnumber::printn(long int n)

{

e=n;

cout<<"\ne="<<e;

}

void printnumber::printn(bool m)

{

f=m;

cout<<"\nf="<<f;

}

int main()

{

printnumber p;

p.printn(100);

p.printn(2.4);

p.printn('m');

p.printn(true);

return 0;

}

Output:

