

C_79 > Problems on Pointers Important Questions with Anounce

PM	Ald	N. V	Y) 1	D
1	A I'm	O. F.	4	4

Void main()

int a = -11;

int *P = 8a; *P = 10;

printy ("Yd",a); $\Rightarrow 10$ 2000

Problem 2

void main ()

{
const int a = -11;

int *P = &a; *P = 10;

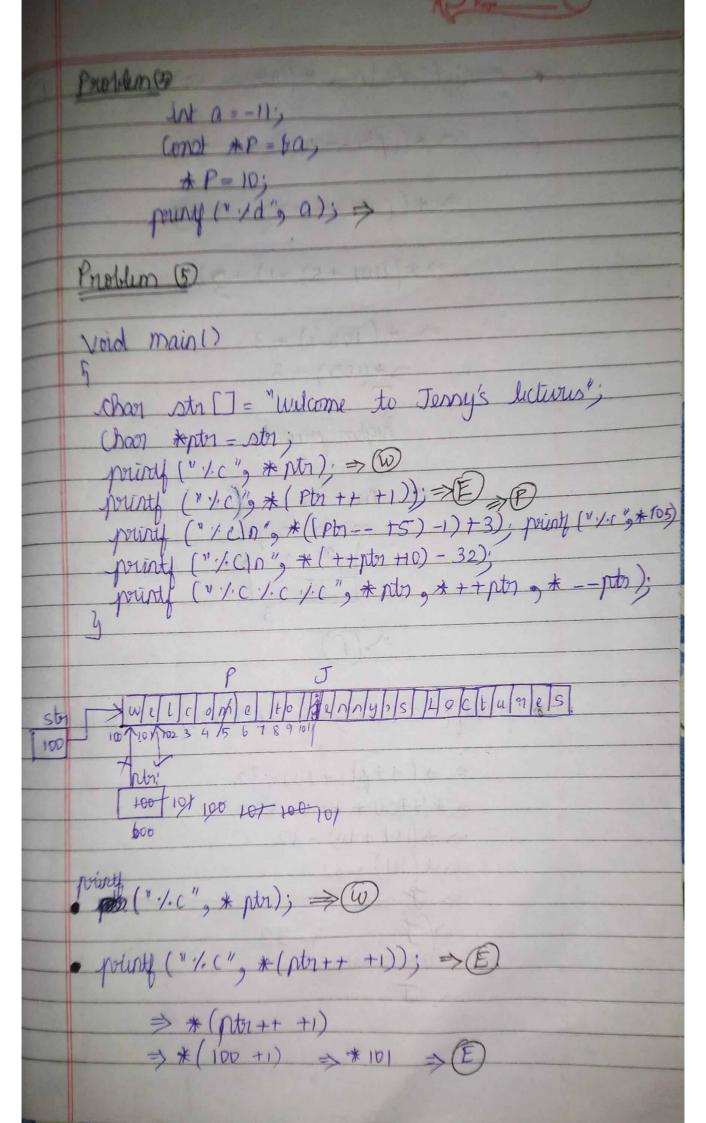
purif [" + d", a); $\Rightarrow = 10$ 2000

* since variable à la constant leyword we cannot change value of à

* so pointer should always have same datatype.

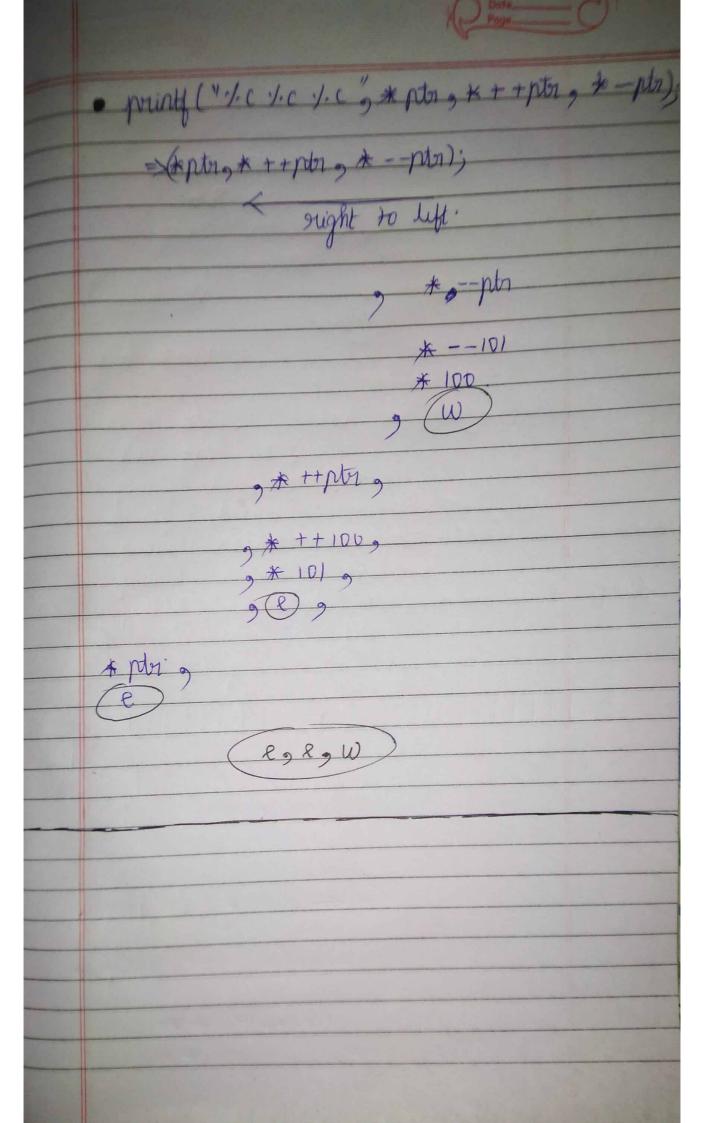
Problem 3

const int a = -11; const *P = &a; *P = 10; print ("/d", a); > (Socon)



• printly (*
$$\frac{1}{2}$$
 ($\frac{1}{2}$); $\frac{1}{2}$); $\frac{1}{2}$

• $\frac{1}{2}$ ($\frac{1}{2}$); $\frac{1}{2}$



PROBLEM 1:

```
#include <stdio.h>
 2
     #include <stdlib.h>
 3
    /** 3 - POINTER IMPORTANT QUESTIONS **/
 4
    /** PROBLEM 1 **/
 5
     int main()
 6
   \square {
7
     int a=-11;
 8
     int *p=&a;
    printf("Value in address of p:%d\n",a);
 9
10
     *p=10;
    printf("Value in address of p:%d\n",a);
11
12
     getch();
13
14
```

■ "D:\1. C NOTEBOOK\C LANGUAGE\C PROGRAMS\PART 5_Jennys Lectures\PART 6_JENNYS LECTURE_POIN

```
Value in address of p:-11
Value in address of p:10
```

PROBLEM 2:

```
1 #include <stdio.h>
     #include <stdlib.h>
3 /** 3 - POINTER IMPORTANT QUESTIONS **/
    /** PROBLEM 2 **/
    int main()
 6 ⊟{
7
    const int a=-11;
8
    int *p=&a;
9
    printf("Value in address of p:%d\n",a);
10
   printf("Value in address of p:%d\n",a);
11
12
   qetch();
13
14
```

PROBLEM 3:

```
#include <stdio.h>
 1
 2
       #include <stdlib.h>
      /** 3 - POINTER IMPORTANT QUESTIONS **/
 3
      /** PROBLEM 3 **/
 4
 5
      int main()
 6
    □ {
 7
      const int a=-11;
      const int *p=&a;
 8
      printf("Value in address of p:%d\n",a);
 9
10
      *p=10;
      printf("Value in address of p:%d\n",a);
11
12
      getch();
13
14
<
🛂 🖊 Code::Blocks 🗶 🔍 Search results 🗶 📝 Cccc 🗶 📛 Build log 🗶 📌 Build messages 🗶 🧗 CppCheck/Vera++ 🗶 📝 CppCheck
File
                 === Build: Debug in 3 POINTER IMPORTANT QUESTIONS(3) (compiler: GN...
D:\1. C NO...
                 In function 'main':
D:\1. C NO... 10 error: assignment of read-only location '*p'
```

PROBLEM 4:

```
#include <stdio.h>
      #include <stdlib.h>
 2
 3
     /** 3 - POINTER IMPORTANT QUESTIONS **/
      /** PROBLEM 4 **/
 4
 5
      int main()
 6
 7
      int a=-11;
      const int *p=&a;
 8
 9
      printf("Value in address of p:%d\n",a);
10
      *p=10;
      printf("Value in address of p:%d\n",a);
11
12
      getch();
13
14
15
<
Code::Blocks 🗴 🔍 Search results 🗴 🧪 Cccc 🗴 🔯 Build log 🗴 📌 Build messages 🗴 📝 CppCheck/Vera++ 🗴 📝 CppCheck/
File
            Line Message
                 === Build: Debug in 3_POINTER IMPORTANT QUESTIONS(4) (compiler: GN...
D:\1. C NO...
                 In function 'main':
D:\1. C NO... 10 error: assignment of read-only location '*p'
```

PROBLEM 5:

```
1 #include <stdio.h>
     #include <stdlib.h>
 2
    /** 3 - POINTER IMPORTANT QUESTIONS **/
 3
     /** PROBLEM 5 **/
 4
 5
     int main()
 6
    □ {
 7
     char str[]="Welcome to jenny's lectures";
 8
     char *ptr=str;
     printf("%c\n",*ptr);
printf("%c\n",*(ptr+++1));
printf("%c\n",*((ptr--+5)-1)+3);
 9
10
11
12
     printf("%c\n",str[5]);
13
     printf("%c\n", *(++ptr+10)-32);
14
     printf("%c\n", str[11]);
15
     | printf("%c %c %c", *ptr, *++ptr, *--ptr);
16
    getch();
17
18
```

```
"D:\1. C NOTEBOOK\C LANGUAGE\C PROGRAMS\PART 5_Jennys Lectures\PART 6_JENNYS LECTURE_POINTERS\8_IMPORTANT QU

W
e
p
m
J
e
e
e
e
W
_
```