Week-1 Assignment-2

Date / /

1)
```
int main()
{
pf("%p", main);
  getchar();
  return 0;
}
```

O/P

%p stand for. address to denote pointer type variable

it return hexadecimal value

2)
```
#include<stdio.h>
  int main()
  {
   int i;
   i=1,2,3;
   Printf("i=%d\n", i);
    getchar();
      return 0;
   }
```

O/P.
i=1;
We can't initialise like that.
if we initialised like this it will take i=1.

3)
```
#define Prod(a,b) a*b
  int main()
  {
   int x=3, y=4;
   Printf("%d", Prod(x+2, y-1));
  return 0;
  }
```

O/P
10.

Because prod(3+2, 4-1)
a b

a*b = 3+2 * 4-1 // using precedence & Associativity
= 3+8-1
= 11-1 => 10 //

4) #define a 10 // a [10] global variable. a [30] -> Local Variab
int main()
{
#define a 50 // Local variable.
printf("%d", a);
getchar();
return 0;
}

In main()
So Local variable more preference than global variable
O/P: 50 //

5) #include <stdio.h>
int main()
{
int i=20, j;
i = (printf("Hello").printf("AllGreeks"));
printf("%d", i);
return 0;
}

O/P: HelloAllGreeks9

first it will Print Hello then AllGreeks. & also it will count the no of chacter & display.