Persistent Systems Placement Paper Questions (Technical)

Find output of following

Q1.

```
main()
{
i=2;
printf("%d %d",++i,++i);
}
```

ANS: 4 3

Q2.

```
main()
{
int n;
printf("enter any no");
scanf("%d",&n);
for(i=0;i< p=""> <>
{
printf(" %d",fib(i));
}
getch();
}
fib(int n)
{
if (n= =0)
{
return 0;
}
else if(n= =1)
{
return 1;
}
else
```

```
    return (fib(n-1)+fib(n-2));
    }
```

Find the output of above program for n=8.

for this type of question refer book "test ur c skill".

Q3. Find the probability of getting any day is sunday in any leap year .

ANS: 2/7

Q4. If a stick of any length is breakdown in two parts.Find the probability getting length of stick more than 3:1

In this section they ask the questions on c,microprocessor(if u mention in introduction as a field of interest),c++ Some questions are like

Q1. What are storage classes in c.explain about extern

Q2. Tell something about calloc and malloc. and difference between.these two.

Q3. Do program for finding factorial of given number using recursion or without using recursion.

Q4. Do program for fibonacci series using recursion or without using recursion.

Q5. Without using strep function print the reverse string.

Q6. Without using third string swap the contents of string.