

Q)

Pseudo Code:

- 1) First initialize t
- 2) And applying a loop on t,
- 3) initialize the variables a, b, n , e , t
- 4) Perform a check if n modulo 2 is 0 then put a=a and b=b , else a = a\*2 and b=b
- 5) If a is greater than b , then put e = a/b , else e = b/a
- 6) Print the value of e

Implementation:

```
#include<iostream>
```

```
Using namespace std;
```

```
int main()
{
    int a,b,n,e,t;
    cin>>t;
    while(t-->0)
    {
        cin>>a>>b>>n;

        if(n%2==0)
        {
            a=a;
            b=b;
        }
        else
        {
            a=a*2;
            b=b;
        }
        if(a>b)
        {
            e=a/b;
        }
        else
        {
            e=b/a;
        }
        cout<<e;
```

```
}  
  return 0;  
}
```