

Program to insert in a heap

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1:21 AM

```
void Insert(int A[], int n)
{
    int temp, i = n;
    temp = A[n]
    while (i > 1 && temp > A[i/2])
    {
        A[i] = A[i/2]
        i = i/2;
    }
    A[i] = temp;
}
```

Time complexity \Rightarrow taking time according to height of complete binary tree $\Rightarrow \log(n)$.