

← Notes

you can use std::cin which is a standard method to obtain input from STDIN how ever there are better methods

```
2. scanf("%d",&x);
```

scanf / printf are roughly thrice as fast as the cin/cout

```
3. FAST IO
    void fastscan(int &x)
     {
         bool neg=false;
          register int c;
         x = 0;
         c=getchar();
         if(c=='-')
              neg = true;
              c=getchar();
         for(;(c>47 && c<58);c=getchar())</pre>
              x = (x << 1) + (x << 3) + c -48;
         if(neg)
              x *=-1;
    }
fastscan(x);
```

this is one of the fastest way to take an integer input from STDIN this is around 10 times faster than scanf() This is very useful in competetive programming

NOTE: You can add ios_base::sync_with_stdio(false); in main() function to make

your cin adn cout faster

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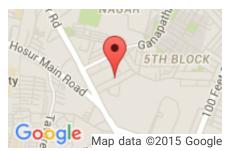
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