pyramid

```
#include <stdio.h>
int main()
{
// pyramid
       int i, j, k;
        for (i= 1;i -
<=5 ;i++)
       {
                for -
(j= i;j <5;j++)
               {
                           -
pri ntf (" ");
               }
                for -
(k= 1;k <(i *2) ;k++)
               {
                           -
        pri ntf ("*");
               }
                pri -
ntf ("\n ");
       }
}
```

no 2 flipped

```
int main()
{
// no 2 flipped
       int i, j, k;
        for (i= 5;i -
>=1 ;i--)
       {
                for -
(j= 5;j >i;j--)
               {
                           -
pri ntf (" ");
               }
                for -
(k= 1;k <=i ;k++)
               {
```

no 2 flipped (cont)

```
>          printf("*");
     }
     printf("\n");
  }
}
```

no 2 relfected

```
{
// no 2 relfected
       int i, j, k;
        for (i= 5;i -
>=1 ;i--)
       {
                for -
(j= 1;j <i;j++)
               {
                           -
pri ntf (" ");
               }
                for -
(k= 5;k >=i ;k--)
               {
                           -
pri ntf ("*");
               }
                pri -
ntf ("\n ");
       }
        return 0;
}
```

upside down pyramid

```
int main()
{
// upside down pyramid
       int i, j, k;
        for (i= 5;i -
>=1 ;i--)
       {
```

upside down pyramid (cont)

```
>       for(j=5;j>i;j--)
     {
          printf(" ");
     }
     for(k=1;k<(i*2);k++)
     {
          printf("*");
     }
     printf("\n");
  }
}
```

bizz buzz bozz

```
void main()
{
int num;
printf ("Please enter a
number. \nNumb er: ");
scanf( " %d", &num);
int hund, ten, ones,
mod;
hund = num / 100;
ten = num / 10 % 10;
ones=n um%10;
mod=num%7;
if(((h und ==6 )|| (te -
n== 6)| |(o nes ==6)) &&
(mod==0))
printf ("bo zz \n");
else if(((h und -
==6 )|| (te n== 6)| |
(o nes ==6)) &&
(mod!=0))
printf ("bu zz \n");
```

bizz buzz bozz (cont)

```
> else if(((hund!=6)||(ten!=6)||(o-
nes!=6)) && (mod==0))
printf("bizz\n");
else
printf("%d\n",num);
printf("Thank you for playing
bizz buzz bozz. You just won
$1,000,000!");
}
```

stuff to know

int	-2,147,483,648 to +1,147,483,647
float	4bytes,contain 1 digit/decimal, +-10^38, 7digitsprecision,f, illegalfloats: 6.2.2f,6.--3f,6.2
double	8bytes,+-10^-308,14digitprecise
types of c statements	declarations/arithmetic instructions/control instructions

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