برنامه های زیر را تصحیح نمایید و بیان نمایید خروجی آنها چیست؟

```c
#include<stdio.h>
 main()
{
scanf("%d", &x);
if(x % 2 = 0)
printf("even\n");
else
printf(odd);
}
```

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

```c
#include<stdio.h>
main()
{
float a, b, c;
scanf("%f %f", &a, &b,c);
if(a = b & a = c)
printf("motasviol azla");
else
if(a == b | a == c | b == c)
printf("motasaviossagheyn")
else
printf("mokhtalefol azla");
```

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

```c
#include<stdio.h>
 main()
{
float m;
scanf("%d", &m)
```

```c
switch(m)
{
case 1: case 2: case 3:
case 4: case 5: case 6:
printf("31 rooz\n");
break
case 7: case 8: case 9:
case 10: case 11:
printf("30 rooz\n");
break;
case 12
printf("29 rooz\n")
break;
default:
printf(eshtebah\n);
}
}
```

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

```c
#include<stdio.h>
 main()
{
int   x;
scanf("%d", x);
for(i = 1; i <= x, i++)
if(x % i = 0)
printf("%d\n", i);
}
```

%%

```c
#include<stdio.h>
 main()
```

```c
{
int i, x, y;
scanf("%d %d", &x, y);
for(i = x; i % y != 0; i += x)
;
printf("%f\n", i);
}
```

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

```c
#include<stdio.h>
main()
{
int i, x, m = 0;
scanf("%f", &x);
for(i = 0; x > 0, i++)
{
m +== x % 10;
x /= 10;
}
printf("%d\n", m);
}
```

%%%%%%%%%%%%%%%%%%%%%%%%%%%%

```c
#include<stdio.h>
main()
{
float x, m = 0;
for(i = 0; i < 100; i++)
{
scanf("%d", &x);
if(x > 0)
m += x;
```

```c
    }
    printf("%f\n", m);
}
```

%%%%%%%%%%%%%%%%%%%%%%%%%%%

```c
#include<stdio.h>
main()
{
float m1 = 0, m2 = 0;
int  n1 = 0, n2 = 0;
for(i = 0; i < 100; i++)
{
scanf("%f", &x);
if(x > 0)
{
m1 += x;
n1++;
}
else
{
m2 += x;
n2++;
}
}
printf("%f\n%f\n", m1 / n1, m2 / n2)
}
```

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

```c
#include<stdio.h>
main()
{
float m = 0;
```

```c
for(i = 1,i <= 1000, i++)
if(i % 2 = 1)
m += 1.0 / i;
else
m -= 1.0 / i;
printf("%f\n", m);
}
```

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

```c
#include<stdio.h>
main()
{
Float  m = 0, a = 1;
int i
for(i = 1; i <= 1000; i++, a = -a)
m +==a / i;
printf("%f\n", m);
}
```

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

```c
#include<stdio.h>
 main()
{
int i, y, d;
for(i = 10; i <= 99; i++)
{
y = i % 10;
d = i / 10;
if(i % (y + d) == 0)
printf("%d\n", i);
}
}
```

```
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

#include<stdio.h>
main()
{
int i,;
for(i = 20; i > 0; i--)
{
for(j = 0, j < I,j++)
printf("*");
printf("\n");
}
}
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

#include<stdio.h>
main()
{
int i, j;
for(i = 20, s = 1; i >=0; i--, s += 2)
{
for(j = 0; j < i; j++)
printf(" ")
for(j = 0; j < s; j++)
printf("*");
printf("\n");
}
}
%%%%%%%%%%%%%%%%%%%%%%%%%%%%

#include<stdio.h>
main()
```

```c
{
int i, n, r, surat=1, makh=1;
float hasel;
scanf("%d%d",&n, &r);
for(i=n;i>=r+1;i--)
surat*=i;
for(i=n-r;i>=1;i--)
makh*=i;
hasel=surat/makh;
printf("hasel=%f",hasel);
}
```
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

```c
#include<stdio.h>
main()
{
float x, i=2;
printf("enter a number:");
scanf("%d",&x);
do
{
if(x%i=0)
{ printf("%d ", i);
while(x%i==0)
x/=i;
}
i++;
}
while(x>1);
}
```
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

```c
#include<stdio.h>
main()
{
int a, b, i;
for (i=10; i<=99; i++)
{
a=i/10;
b=i%10;
if(i%(a+b)==0)
printf("%d,", i);
}
}
```

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

```c
#include<stdio.h>
 main()
{
int i, j;
for (i=1; i<=10; i++)
{ printf("\n");
for(j=1; j<=10; j++)
printf("%d ", i*j);
}
}
```