assignment 2.c

Saved

```c
#include <stdio.h>

/*  Assignment 2
   Question 1 */

int main()
{

int n,r;

   printf("enter a number");
   scanf("%d", &n);
   r=n%10;
  printf("unit digit of a number is %d",r);

  return 0;
}
```

Terminal

```
enter a number14256
unit digit of a number is 6
Process finished.
```

assignment 2.c

Saved

```c
#include <stdio.h>

/*  Assignment 2
   Question 2 */

int main()
{

int n,r;

   printf("enter a number");
   scanf("%d", &n);
   r=n/10;
  printf("number without its last digit is %d",r);

  return 0;
}
```

Terminal

```
enter a number1283
number without its last digit is 128
Process finished.
```

assignment 2.c

Saved

```c
#include <stdio.h>

/*  Assignment 2
   Question 3 */

int main()
{

int n,r,x;

   printf("enter the  value of n and r");
   scanf("%d %d",&n,&r);
   x=n;
   n=r;
   r=x;
   printf("value of n=%d and r=%d",n,r);


  return 0;
}
```

Terminal

```
enter the  value of n and r10
20
value of n=20 and r=10
Process finished.
```

assignment 2.c
Saved

```c
#include <stdio.h>

/*  Assignment 2
   Question 4 */

int main()
{

int n,r;

   printf("enter the  value of n and r");
   scanf("%d %d",&n,&r);
   n=n+r;
   r=n-r;
   n=n-r;
   printf("value of n=%d and r=%d",n,r);


  return 0;
}
```

Terminal

```
enter the  value of n and r20
100
value of n=100 and r=20
Process finished.
```

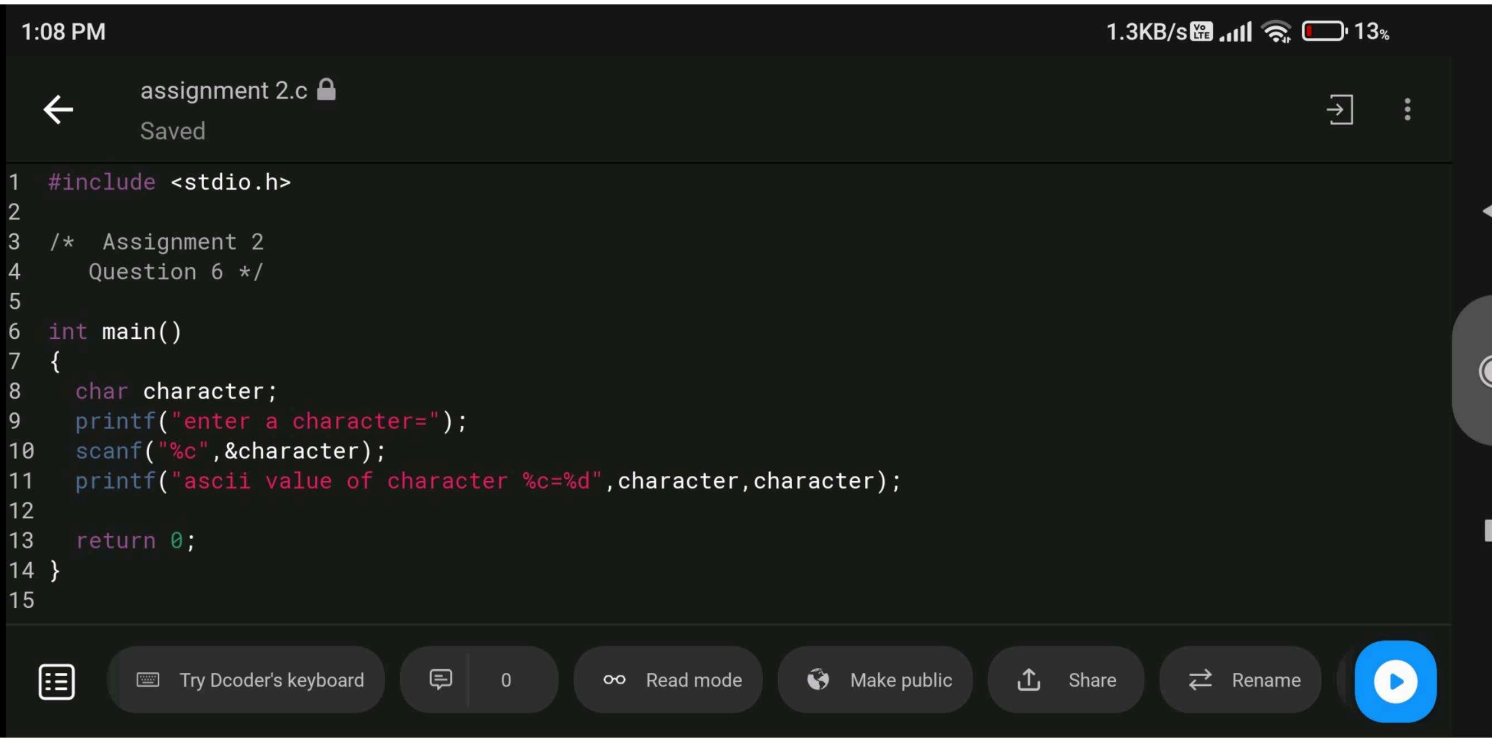
assignment 2.c

Saved

```c
#include <stdio.h>

/*  Assignment 2
   Question 5 */

int main()
{

int b,r, sum=0;
  printf("enter a value of b=\t");
  scanf("%d",&b);
  r=b%10;
  sum=sum+r;
  b=b/10;
  r=b%10;
  sum=sum+r;
  b=b/10;
  r=b%10;
  sum=sum+r;
  b=b/10;
  printf("sum is=%d",sum);


  return 0;
}
```

Terminal

```
enter a value of b=125
sum is=8
Process finished.
```


1:08 PM
1.3KB/s
13%
assignment 2.c
Saved
#include <stdio.h>
/* Assignment 2
Question 6 */
int main()
{
char character;
printf("enter a character=");
scanf("%c",&character);
printf("ascii value of character %c=%d",character,character);
return 0;
}
Try Dcoder's keyboard
0
Read mode
Make public
Share
Rename

Terminal

```
enter a character=a
ascii value of character a=97
Process finished.
```

assignment 2.c

Saved

```c
#include <stdio.h>
/*  Assignment 2
   Question 7 */
int main(){
  int x, count=0, result;
  printf("enter a number x=");
  scanf("%d",&x);
 while(x!=0){
  result=x&1;
  count++;
  if(result==1)
  {
    printf("position of first 1 in LSB=%d",count);
    break;
  }
  x=x>>1;
  }
}
```

Terminal

```
enter a number x=8
position of first 1 in LSB=4
Process finished.
```

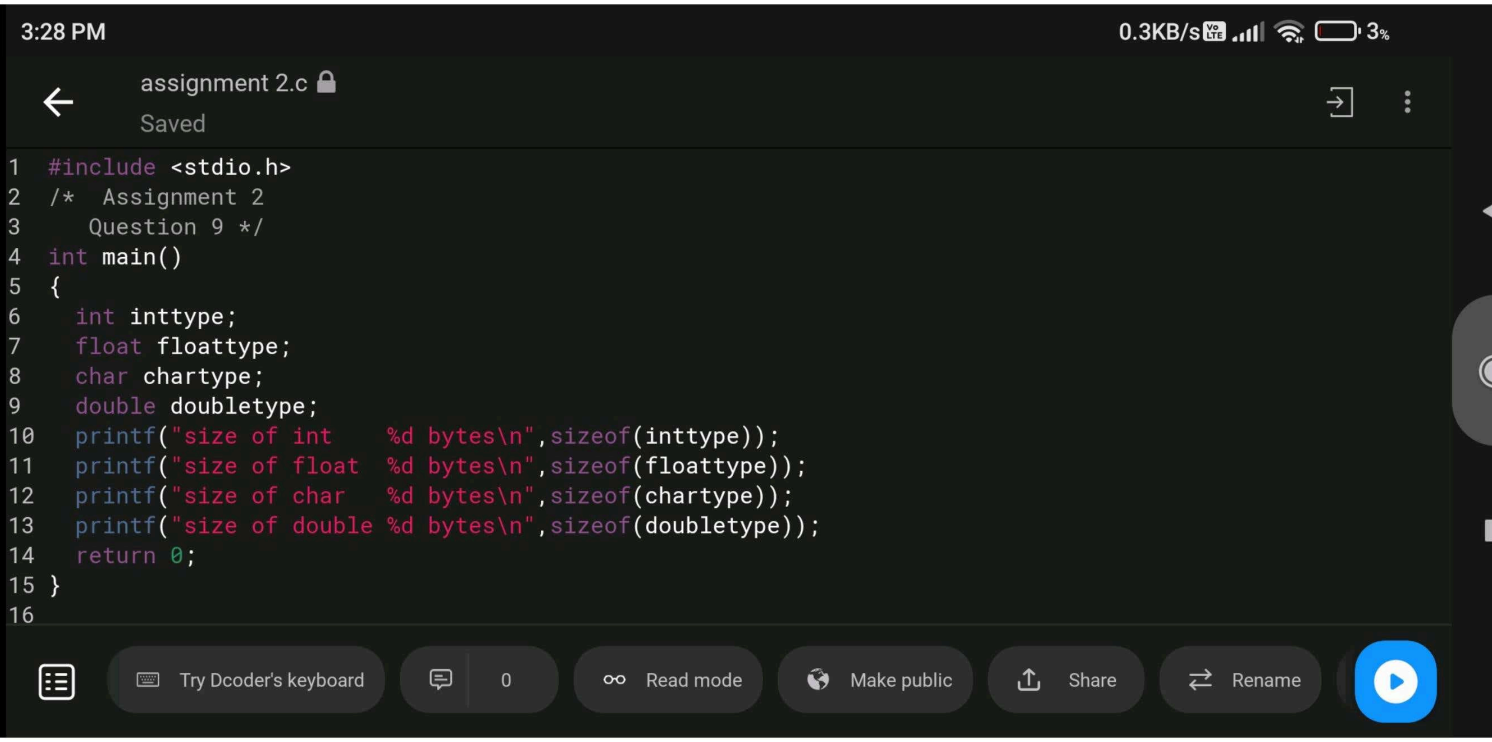
assignment 2.c

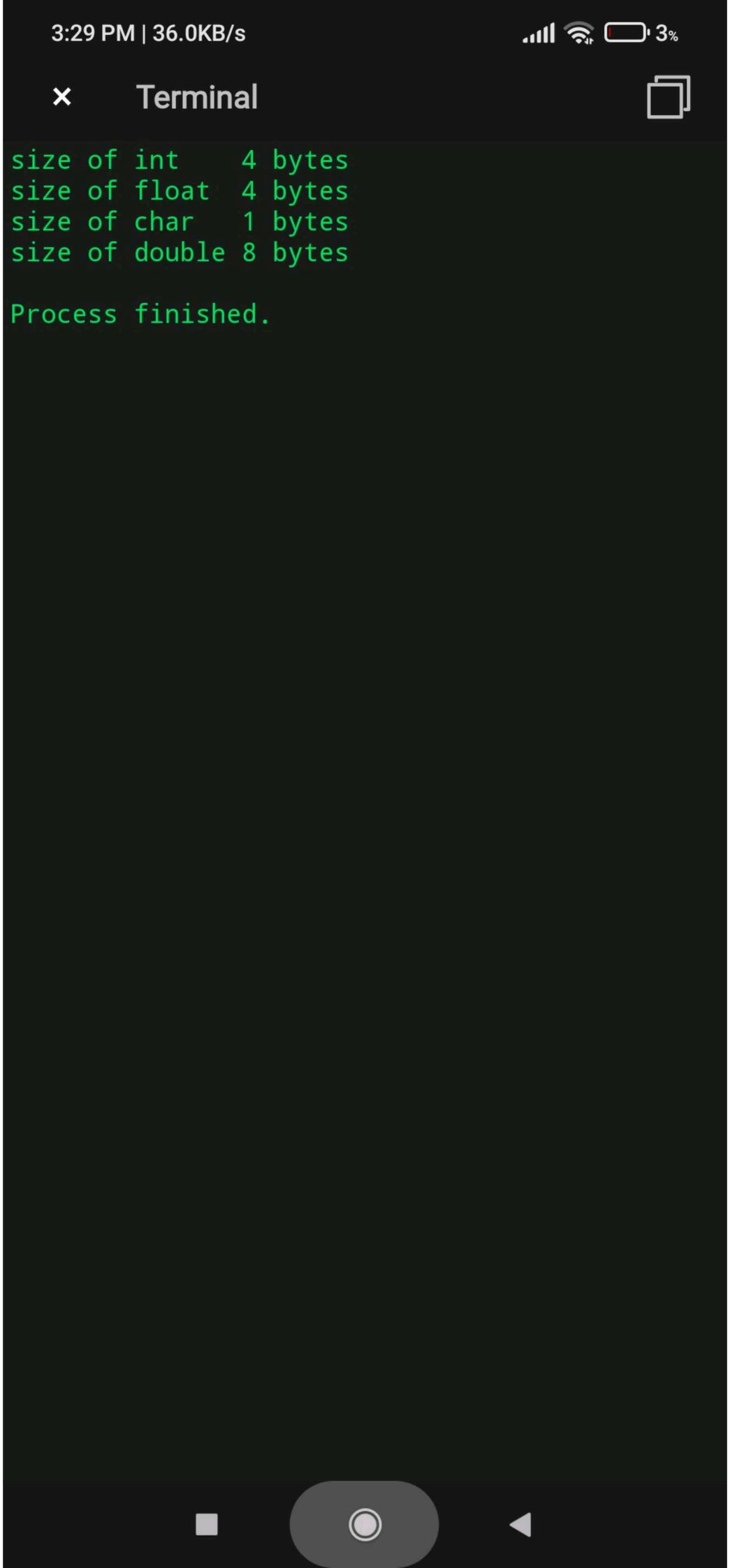
Saved

```c
#include <stdio.h>

/*  Assignment 2
   Question 8 */

int main()
{
  int x, result;
  printf("\nenter a number");
  scanf("%d",&x);
  result=x&1;
  if(result==1)
  printf("odd");
  else
  printf("even");



  return 0;
}

```

Terminal

```
enter a number989
odd
Process finished.
```


3:28 PM
0.3KB/s
assignment 2.c
Saved
#include <stdio.h>
/* Assignment 2
Question 9 */
int main()
{
int inttype;
float floattype;
char chartype;
double doubletype;
printf("size of int %d bytes\n",sizeof(inttype));
printf("size of float %d bytes\n",sizeof(floattype));
printf("size of char %d bytes\n",sizeof(chartype));
printf("size of double %d bytes\n",sizeof(doubletype));
return 0;
}
Try Dcoder's keyboard
0
Read mode
Make public
Share
Rename


3:29 PM | 36.0KB/s
3%
Terminal
size of int   4 bytes
size of float 4 bytes
size of char   1 bytes
size of double 8 bytes
Process finished.

assignment 2.c
Saved

```c
#include <stdio.h>
/*  Assignment 2
   Question 10 */
int main(){

int n;
  printf("enter a number n=");
  scanf("%d",&n);
  n=n/10*10;
  printf("n=%d",n);
}
```

Terminal

```
enter a number n=124
n=120
Process finished.
```

assignment 2.c

Saved

```c
#include <stdio.h>
/*  Assignment 2
   Question 11 */
int main(){

int n, r;
   printf("enter number n and digit r ");
   scanf("%d %d",&n,&r);
   n=n*10+r;
   printf("value of n=%d",n);
}
```

Terminal

```
enter number n and digit r 124
3
value of n=1243
Process finished.
```

assignment 2.c

Saved

```c
#include <stdio.h>
/*  Assignment 2
   Question 12 */
int main(){
  float rupees, dollar;
   printf("enter rupees");
   scanf("%f",&rupees);
   printf("you enter rupees=%f\n", rupees);
   dollar=rupees*1/76.23;
   printf("dollars=%.2f", dollar);

}
```

Terminal

```
enter rupees1245
you enter rupees=1245.000000
dollars=16.33
Process finished.
```

assignment 2.c
Saved

```c
#include <stdio.h>
/*  Assignment 2
   Question 13 */
int main(){
  int x;
  printf("enter 3 digit number");
  scanf("%d",&x);
  x=x%10*100+x/10;
  printf("x=%d",x);


}
```

Terminal

```
enter 3 digit number135
x=513
Process finished.
```