```
(6) # include < stdip.h>
     # include < math. h >
     # include < stdlib.h)
      int main ()
        unt z,r,h;
       float pi = 3.14;
        print ("area and volume of \n!: cyclinder \n2: cone \n3: sphere \n4: 'to exit'');
       print ("enter the choice In");
       scanf ("%.d", &z);
      print ("enter the radius \n");
      scanf ("1.d", & 2);
      print ("enter the height |n");
      scanf ("10/0d", 2, h);
         unt A, V;
         A=2*pi*r*h+2pi*r*r;
        V= pi * 2 * x * h;
        prints ("AREA: "/.dln", A);
        print ("VOLUME: "/od \n", V);
         A = pi* (n)* (x+sqrt (h*h+n*r));
```

```
V= pi*2*2* h/3;
print ("AREA: "/od \n", A);
print (" YOLUME: "/od \n", V);
V = (4/3) * p*r*** r;

print ("AREA: 1/0 d\n", A);

print ("VOLVME: 1/-d\n", V);

lucak;
  weak;
```