1. Difference Between

(d) Ca== 0) (d) (== 0) (s);

ii) aequals (b)

suppose a and b are string This companies

variables.

(a==6)

. This compares beferances.

. It checks whether a and b

point the point of the exact

game object in monoby.

Example: -

Striver SI = "Hello"; worker

Anno 32 zus Hellor;

994 en . out. Point In (51=52);

Bati Santred 532 new Storing ("Hello"); · system. out. Print In (S1 = = S3); ii) a. equals (b) (d) eloups. o (ii) . This companes the contents. . It cheeks whether the thext inside the Striness is tore same Example: Home 220000 +1 Sturned S1= "Hear"; String 53 = new String ("Hello!"); System. out. Print h Csi. equals (ii) why and Java SAMMy Immatabless, two, no tops

Immetable means: Once a stara is enewted. It connot be Epicoped. + 9708 bus sent (iii) (i) Geeanity:

Stoiners often Store sensitie dat (Password, ATIe, Puths).

. If stornos were mutable, malicious code could conange Ostherin content.

(ii) string Pool (memory of timitatol · Java maintains a pool of String to save memorny.

> coold be champed · If storiners this pool would'not be

safe in because melo chare wou affect all petienness (iii) thread safe ty i) Immutable objects and automutically safe to use oenoss multiple threads. (iv) cachiner hashoode Becouse the strike eag never charge, its hasho dec) 15 cached for fast 100kup Java maintains a Pool of Stain to save memory. of 5+0/mes coold be chan Arrie book mondarit i