□□□□

- □□□□□□

  □sign□□□□□□□□□□ASCII□□□□□□□"□□□1=□□□1&□□□2=□□□2"□□□□□□□□□

- bizContent□□□□

  □□□□□□□□json□□□base64□□□□

- □□□□ appSecret(□□□□□)

  □□□□□□□□□□□□□□□"appSecret=xxxxx"□

- □□□□□

  sha256□□□□□□□□□□□□sign□□□

- □

  □□□□□null□□□□□□□□□□□□□

- JAVA□□□□□□

```
JSONObject notifyJson = new JSONObject(true);
notifyJson.put("orderNo", "42000011722021092742751637 30");
notifyJson.put("transDateTime", "20210928102350");
notifyJson.put("ebuyCode", "1002108300000059091");
notifyJson.put("faceValue", "30");
notifyJson.put("outTradeNo", "89392109280163981");

byte[] encodeBase64 = Base64.encodeBase64(notifyJson.toJSONString().getBytes("UTF-8"));
String bizContent = new String(encodeBase64, "UTF-8");

Map<String, String> map = new TreeMap<>();
map.put("appKey", "274b9cf9f01543619baa726ed24ddd19");
map.put("signType", "sha256");
map.put("timestamp", "1483372334");
map.put("bizContent", bizContent);
```

```
StringBuilder buffer = new StringBuilder();
for (Map.Entry<String, String> item : map.entrySet()) {
buffer.append(item.getKey()).append("=").append(item.getValue()).append("&");
}

String signStr = buffer.toString() + "appSecret=XXXXXXXXXXXX";// appSecret(□□□□)
String checkSign = SHAUtil.sha256(signStr);
System.out.println(signStr);
System.out.println(checkSign);
```

□□□□□□action=verify&appKey=274b9cf9f01543619baa726ed24ddd19&bizContent=eyJvcmRlck5vIjo
MDAwMTE3MjIwMjEwOTI3NDI3NTE2MzczMCIsInRyYW5zRGF0ZVRpbWUiOiIyMDIxMDkyODEwMjM1M
CIsImVidXlDb2RlIjoiMTAwMjEwODMwMDAwMDA1OTA5MSIsImZhY2VWYWx1ZSI6IjMwIiwib3V0VHJhZ
GVObyI6Ijg5MzkyMTA5MjgwMTYzOTgxIn0=&charset=utf-
8&format=json&signType=sha256&timestamp=1483372334&appSecret=XXXXXXXXXXXX

□□□□□□bc151776f32a0eed26fd97696ece7e8102e5c1f8f594fbf8ddc392bd579693f1

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